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CONSERVATION EDUCATION

78-003513 Johnson, David I. A QUANTITATIVE COMPARISON OF ENVIRONMENTAL EDUCATION, CONSERVATION EDUCATION, OUTDOOR EDUCATION, ECOLOGICAL EDUCATION, ENVIRONMENTALIZED EDUCATION AND GENERAL EDUCATION BASED ON GOALS. Ph.D. dissertation, Mich. State Univ. 124p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):1973. Nov. 1977. WR 170

78-003514 Schafer, Rudy WILDLIFE 2000--IT'S HAPPENING IN THE CLASSROOM RIGHT NOW. Cal-Neva Wildl. Trans. 1977: 149-155. 1977. Copies available from The Wildlife Society, 4606 San Marino Drive, Davis, Calif. 95616. WR 170
[Calif. Dep. Education, Sacramento]

PLANTS--GENERAL, ECOLOGY, TECHNIQUES

78-003515 Given, David R. CONSERVATION OF RARE AND THREATENED PLANT TAXA IN NEW ZEALAND--SOME PRINCIPLES. Proc. N.Z. Ecol. Soc. 22: 1-6. 1975. WR 170
[Botany Div., DSIR., Christchurch, New Zealand]

WILDLIFE--GENERAL

78-003516 Mills, J. A.; Mark, A. F. THE SUMMER DIET OF TAKAHE WITH PARTICULAR REFERENCE TO FOOD SELECTION IN RELATION TO NUTRIENT CONTENT AND POSSIBLE COMPETITION FROM RED DEER. Proc. N.Z. Ecol. Soc. 24: 128. 1977. Abstract only. WR 170
[Wildl. Serv., Dep. Internal Affairs, Wellington, New Zealand]
/Notornis mantelli/ and /Cervus elaphus/.

78-003517 Moore, William S. AN EVALUATION OF NARROW HYBRID ZONES IN VERTEBRATES. Q. Rev. Biol. 52 (3): 263-277. Sept. 1977. WR 170
[Dep. Biol., Wayne State Univ., Detroit, Mich. 48202]

78-003518 Scharf, Craig S. BIRDS AND MAMMALS AS PASSIVE TRANSPORTERS FOR ALGAE FOUND IN LICHENS. Can. Field-Nat. 92 (1): 70-71. Jan.-Mar. 1978. WR 170
[Northeastern Forest Serv., 151 Sanford St., Hamden, Conn. 06514]

78-003519 Smith, V. R. ANIMAL-PLANT-SOIL NUTRIENT RELATIONSHIPS ON MARION ISLAND (SUBANTARCTIC). Oecologia (Berl.) 32 (2): 239-253. 3 Feb. 1978. WR 170
[Merck Chemicals, P.O. Box 1366, Johannesburg, South Africa]
Summary: Manuring by the many seals and seabirds forms the major source of N and P to the Marion Island terrestrial Ecosystem and plants at manured sites exhibit enhanced vitality and increased N and P contents in their leaf tissue and saps. A similar effect results from small applications of NPK fertilizer. Non-manured soils possess very low levels of available N but substantial quanties of organic N.

WILDLIFE--TECHNIQUES

78-003520 Eberhardt, L. L. APPRAISING VARIABILITY IN POPULATION STUDIES. J. Wildl. Manage. 42 (2): 207-238. Apr. 1978. WR 170
[Pacific Northwest Lab., Battelle Memorial Inst., Richland, Wash. 99352]

78-003521 Glass, Mogens L.; Wood, Stephen C.; Johansen, Kjell THE APPLICATION OF PNEUMOTACHOGRAPHY ON SMALL UNRESTRAINED ANIMALS. Comp. Biochem. Physiol. A Comp. Physiol. 59 (4): 425-427. 1978. WR 170
[Dep. Zoophysiol., Univ. Aarhus, DK-8000 Aarhus C, Denmark]
Description of the construction and use of light weight Fleisch transducer heads as employed in studies of amphibians, reptiles and birds.

78-003522 Johnson, W. Carter; Bratton, Susan P. BIOLOGICAL MONITORING IN UNESCO BIOSPHERE RESERVES WITH SPECIAL REFERENCE TO THE GREAT SMOKY MOUNTAINS NATIONAL PARK. Biol. Conserv. 13 (2): 105-115. Feb. 1978. WR 170
[Dep. Biol., Va. Polytech. Inst., & State Univ., Blacksburg 24060]

78-003523 Stunkard, J. A.; Miller, J. C. AN OUTLINE GUIDE TO GENERAL ANESTHESIA IN EXOTIC SPECIES. Auburn Vet. 34 (2): 57-64. 1978. WR 170
[Bowie Animal Hospital, Bowie, Md. 20717]

WILDLIFE--FAUNAS, NATURAL HISTORY, MANUALS

78-003524 Bailey, Edgar P. DISTRIBUTION AND ABUNDANCE OF MARINE BIRDS AND MAMMALS ALONG THE SOUTH SIDE OF THE KENAI PENINSULA, ALASKA. Murrelet 58 (3): 58-72. 1977. WR 170
[813 D St., Anchorage, Alaska 99501]

78-003525 Cunningham van Someren, G. R.; Richards, D. K. A NOTE ON THE FLORA AND FAUNA OF TWO SEASONAL SWAMPS IN THE RIFT VALLEY. East Afr. Nat. Hist. Soc. Bull. p. 96-104. Sept./Oct. 1977. WR 170
[P.O. Box 40658, Nairobi, Kenya]

78-003526 Cunningham van Someren, G. R.; Richards, D. K. NOTE ON THE EWASO NGIRO SWAMP. East Afr. Nat. Hist. Soc. Bull. p. 32-34. Mar./Apr. 1977. WR 170
[P.O. Box 40658, Nairobi, Kenya] Annotated list of wildlife.

78-003527 Kensley, Brian F.; Penrith, M. J. BIOLOGICAL SURVEY OF SANDVIS 1, INTRODUCTION AND FAUNAL LIST. Madoqua 10 (3): 181-190. 1977. WR 170
[South African Mus., Cape Town, South Africa] Annotated list includes two mammalian species.

78-003528 McDaniel, V. Rick; Gardner, James E. CAVE FAUNA OF ARKANSAS: VERTEBRATE TAXA. Arkansas Acad. Sci. Proc. 31: 68-71. 1977. WR 170
[Dep. Biol. Sci., Ark. State Univ., State University 72467]
Abstract: The second in a series of papers describing the fauna of Arkansas caves includes distributional records and ecological status (as a cavernicole) of 53 vertebrate taxa, including: 3 fishes, 7 salamanders, 6 frogs, 3 lizards, 7 snakes, one turtle, 3 birds, and 23 mammals. Several of the taxa occur on state lists of endangered species, but records accumulated during the past 5 years indicate the need for a reevaluation of the actual populational status of these organisms.

78-003529 Platnick, Norman I.; Nelson, Gareth A METHOD OF ANALYSIS FOR HISTORICAL BIOGEOGRAPHY. Syst. Zool. 27 (1): 1-16. Mar. 1978. WR 170
[Am. Mus. Nat. Hist., New York, N.Y. 10024]

78-003530 Riemenschneider, Victor L. PRELIMINARY REPORT ON THE FLORA, FAUNA AND HABITATS OF THE SWAMP ROSE NATURE PRESERVE, ST. JOSEPH COUNTY, INDIANA. Proc. Indiana Acad. Sci. 86: 172. 1977. Abstract only. WR 170
[Dep. Biol. Sci., Ind. Univ., South Bend 46615]

78-003531 Schulz, Joop P.; Mittermeier, Russell A.; Reichart, Henry A. WILDLIFE IN SURINAM. Oryx 14 (2): 133-144. Dec. 1977. WR 170
[STINASU, P.O. Box 436, Paramaribo, Surinam] "Surinam is one of the few countries in the world where uninhabited and undisturbed tropical rain forest still covers large areas. The Government is fully aware of the importance of this natural heritage. Wildlife is protected, and eight nature reserves, ranging in size from 4000 to 22,000 ha, have been created to protect representative habitats--forest, savannas, coastal flats and important breeding beaches for Kemp's ridley, green and leatherback turtles."

78-003532 Seabloom, R. W.; Crawford, R. D.; McKenna, M. G. TERRESTRIAL VERTEBRATES OF SOUTHWESTERN NORTH DAKOTA: STATUS OF SELECTED SPECIES. Proc. N. D. Acad. Sci. 32 (1): 43. Apr. 1978. Abstract only. WR 170
[Inst. Ecol. Studies, Univ. N. Dak., Grand Forks 58202]

78-003533 Sly, George R. NEW LOCALITY RECORDS FOR SOME PENINSULAR MALAYSIA AMPHIBIA, REPTILIA, AND MAMMALIA. Malay. Nat. J. 29 (3): 155-157. Mar. 1976. WR 170
[Dep. Biol., Univ. Agric. Malaysia, Serdang, Malaysia]

WILDLIFE--NATURAL AREAS & REFUGES

78-003534 Bannikov, A. G. WILDLIFE PROTECTION IN THE USSR. Oryx 14 (2): 123-128. Dec. 1977. WR 170

78-003535 Beebee, T. J. C. HOT HABITATS IN BRITAIN. Oryx 14 (2): 129-132. Dec. 1977. WR 170
[Univ. Sussex, Brighton, Sussex BN1 9QG, England]

78-003536 DeSilva, G. S. THE NEED FOR MORE NATIONAL PARKS. Malay. Nat. J. 24 (4): 265-268. July 1976. WR 170
[Kinabalu Natl. Park, Kota Kinabalu, Malaysia]

78-003537 Ding Cheong Hoong PROPOSAL FOR AN INTEGRATED PLAN OF A NATIONAL PARK IN PERAK. Malay. Nat. J. 29 (4): 282-306. July 1976. WR 170
[Malayan Nat. Soc., Perak Branch, Malaysia]

78-003538 Jenkins, D. V. NATIONAL PARKS IN SABAH--FOR WHOM AND FOR WHAT? Malay. Nat. J. 29 (4): 225-232. July 1976. WR 170
[Sabah Natl. Parks, Sabah, Malaysia]

78-003539 Jenkins, D. V. PRESENT AND FUTURE NATIONAL PARKS IN SABAH. Malay. Nat. J. 29 (4): 253-261. July 1976. WR 170
[Sabah Natl. Park, Sabah, Malaysia]

78-003540 Lampie, Eslie PROBLEMS IN THE SECOND CENTURY OF UNITED STATES NATIONAL PARK MANAGEMENT. Malay. Nat. J. 29 (4): 237-241. July 1976. WR 170
[Jabatan Mergastua, Kuala Lumpur, Malaysia]

78-003541 Langham, N. P. E. THE NEED FOR MARINE PARKS AND RESERVES IN MALAYSIA. Malay. Nat. J. 29 (4): 269-276. July 1976. WR 170
[School Biol. Sci., Univ. Sains Malaysia, Penang, Malaysia] In addition to the submarine life, there are a number of other animals that depend on areas adjacent to the marine environment for their survival. This includes turtles, otters and dugongs--all endangered species. All requiring research to aid conservation measures. Also, there are seabirds which have shown a drastic decline ove the last two decades. The reasons for the decline is discussed and possible measures for their conservation are discussed.--From abstr.

78-003542 Lim Wah Ching WHY HAVE NATIONAL PARKS OR NATURE RESERVES? Malay. Nat. J. 29 (4): 219-224. July 1976. WR 170
[School Biol. Sci., Univ. Sains Malaysia, Penang, Malaysia]

78-003543 Marsh, Mina Austin NATURAL AREAS PRESERVATION IN ARKANSAS. Arkansas Acad. Sci. Proc. 31: 116-117. 1977. WR 170
[Ark. Nat. Heritage Comm., Little Rock 72201]

78-003544 National Wildlife Refuge Study Task Force RECOMMENDATIONS ON THE MANAGEMENT OF THE NATIONAL WILDLIFE REFUGE SYSTEM. U.S. Dep. Inter. xi + 49p. Feb. 1978. WR 170

78-003545 Ong, J. E.; Dhanarajan, G. ON A NATIONAL PARK FOR PULAU PINANG. Malay. Nat. J. 29 (4): 277-281. July 1976. WR 170

78-003546 Pickett, S. T. A.; Thompson, John N. PATCH DYNAMICS AND THE DESIGN OF NATURE RESERVES. Biol. Conserv. 13 (1): 27-37. Jan. 1978. WR 170
[Dep. Bot., Rutgers Univ., New Brunswich, N.J. 08903]

78-003547 Rubeli, Ken TAMAN NEGARA--PRESENT DEMANDS AND FUTURE PRESSURES. Malay. Nat. J. 29 (4): 204-218. July 1976. WR 170

78-003548 Ryan, Douglas A. RECENT DEVELOPMENT OF NATIONAL PARKS IN NICARAGUA. Biol. Conserv. 13 (3): 179-182. Apr. 1978. In English with Spanish summ. WR 170
[Div. Ecol. Serv., USFWS, 100 Grange Place, Cortland, N. Y. 13045]

78-003549 Stone, B. C. A PROPOSAL FOR A MALAYSIAN NATIONAL PARK SERVICE. Malay. Nat. J. 29 (4): 246-252. July 1976. WR 170
[Dep. Botany, Univ. Malaysia, Kuala Lumpur, Malyasia]

78-003550 Wilkes, Brian THE MYTH OF THE NON-CONSUMPTIVE USER. Can. Field-Nat. 91 (4): 343-349. Oct.-Dec. 1977. WR 170
[Nanaimo Nat. Club, Box 125, Nanaimo, British Columbia V9R 5K4, Canada]

WILDLIFE--ENDANGERED & THREATENED SPECIES

78-003551 Adamus, Paul R.; Clough, Garrett, C. EVALUATING SPECIES FOR PROTECTION IN NATURAL AREAS. Biol. Conserv. 13 (3): 165-178. Apr. 1978. WR 170
[Cent. Nat. Areas, P.O. Box 98, South Gardiner, Maine 04359]
Abstract: As part of a project for identifying which natural features in the state of Maine could and should be protected, systematic criteria based on thirteen characteristics were developed, described, and used to evaluate several hundred species. The criteria are applicable to programmes to conserve endangered species, natural areas, and to the broader aspects of environmental impact assessment.

78-003552 Pinder, N. J.; Barkham, J. P. AN ASSESSMENT OF THE CONTRIBUTION OF CAPTIVE BREEDING TO THE CONSERVATION OF RARE MAMMALS. Biol. Conserv. 13 (3): 187-205. Apr. 1978. WR 170
[Dep. Botany & Microbiol., Univ. Coll. London, Gower St., London WC1, England] Abstract: There have been few attempts to examine the success of zoos in the establishment and maintenance of captive populations of rare animals. Annual census data for population size and births of species in zoos are now available for a 15-year period. Sixty-one of 274 rare mammal species were considered to have bred frequently enough in captivity to warrant investigation. By comparing these species with each other and with a theoretical model it proved possible to identify five consecutive stages in the development of a successful population in captivity. Species were then assigned to each stage to determine the success of breeding programmes in zoos. Twenty-six species can be considered self-sustaining. With some idea of their contribution to date, the role of zoos in conservation is discussed. It is concluded that captive-breeding for reintroduction is a much less significant role for zoos than the maintenance and development of captive populations of all species for educational and research purposes, and as insurance for the future.

78-003553 Schreiner, Keith M. FEDERAL VIEW OF "REALISTIC" ENDANGERED SPECIES ADMINISTRATION AND MANAGEMENT. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 291-297. July 1977. WR 170
[U.S. Fish & Wildl. Serv., Washington, D.C. 20240]

78-003554 Smith, Donald A. STATE VIEW OF ENDANGERED SPECIES MANAGEMENT. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 287-290. July 1977. WR 170
[Utah Div. Wildl. Resour., Salt Lake City 84116]

78-003555 Thom, Richard H. RARE AND ENDANGERED VERTEBRATES OF ILLINOIS. Trans. Mo. Acad. Sci. 10 & 11: 301. 1977. Abstract only. WR 170
[Ill. Nat. Preserves Comm., Rockford 61103]

78-003556 Wydoski, Richard S. REALISTIC MANAGEMENT OF ENDANGERED SPECIES--AN OVERVIEW. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 273-286. July 1977. WR 170
[Utah Coop. Fishery Res. Unit, Logan 84322]

WILDLIFE--INTRODUCTIONS

78-003557 Bavin, Clark R. WILDLIFE IMPORTATIONS. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 241-246. July 1977. WR 170
[Div. Law Enforcement, U.S. Fish & Wildl. Serv., Washington, D.C.]

78-003558 St. Amant, James A. SOME PROBLEMS WITH EXOTIC INTRODUCTIONS. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 247-251. July 1977. WR 170
[Calif. Dep. Fish & Game, Sacramento 95814]

WILDLIFE--MORPHOLOGY & PHYSIOLOGY

78-003559 Callard, Ian P.; Callard, Gloria V.; Lance, Valentine; Bolaffi, Janice L.; Rosset, Jill S. TESTICULAR REGULATION IN NONMAMMALIAN VERTEBRATES. Biol. Reprod. 18 (1): 16-43. Feb. 1977. WR 170
[Dep. Biol., Boston Univ., Boston, Mass. 02215]

78-003560 Miller, L. Keith PHYSIOLOGICAL STUDIES OF ARCTIC ANIMALS. Comp. Biochem. Physiol. A Comp. Physiol. 59 (4): 327-334. 1978. WR 170
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] Review paper: mammals, birds, fishes, amphibians and invertebrates.

WILDLIFE--BEHAVIOR

78-003561 Emlen, John M. TERRITORIALITY: A FITNESS SET-ADAPTIVE FUNCTION APPROACH. Am. Nat. 112 (983): 234-241. Jan.-Feb. 1978. WR 170
[Dep. Zool., Ind. Univ., Bloomington 47401] In birds and mammals.

78-003562 Marten, Ken; Marler, Peter SOUND TRANSMISSION AND ITS SIGNIFICANCE FOR ANIMAL VOCALIZATION. I. TEMPERATE HABITATS. Behav. Ecol. Sociobiol. 2 (3): 271-290. 29 Sept. 1977. WR 170
[Marler: Rockefeller Univ., New York, N.Y. 10021]

78-003563 Marten, Ken; Quine, Douglas; Marler, Peter SOUND TRANSMISSION AND ITS SIGNIFICANCE FOR ANIMAL VOCALIZATION. II. TROPICAL FOREST HABITATS. Behav. Ecol. Sociobiol. 2 (3): 291-302. 29 Sept. 1977. WR 170
[Marler: Rockefeller Univ., New York, N.Y. 10021]

78-003564 McNicholl, Martin K. USAGE OF THE TERMS "CANNIBALISM" AND "SCAVENGING" IN ECOLOGICAL LITERATURE. Can. Field-Nat. 91 (4): 416. Oct.-Dec. 1977. WR 170
[Dep. Zool., Univ. Alberta, Edmonton, Alberta T6G 2E9, Canada]

78-003565 Sussman, Robert W.; Raven, Peter H. POLLINATION BY LEMURS AND MARSUPIALS: AN ARCHAIC COEVOLUTIONARY SYSTEM. Science 200 (4343) : 731-736. 19 May 1978. WR 170
[Dep. Anthropol., Washington Univ., St. Louis, Mo. 63130] Summary: Existing geographical and ecological relationships between bats, non-flying mammals, and birds that visit flowers for food suggest novel interpretations of their evolutionary history.

78-003566 White, T. C. R. THE IMPORTANCE OF A RELATIVE SHORTAGES OF FOOD IN ANIMAL ECOLOGY. Oecologia (Berl.) 33 (1): 71-86. 2 Mar. 1978. WR 170
[Riverina Coll. Advanced Education, Wagga Wagga, New South Wales, Australia] Review paper.

78-003567 Wiley, R. Haven; Richards, Douglas G. PHYSICAL CONSTRAINTS ON ACOUSTIC COMMUNICATION IN THE ATMOSPHERE: IMPLICATIONS FOR THE EVOLUTION OF ANIMAL VOCALIZATIONS. Behav. Ecol. Sociobiol. 3 (1): 69-94. 27 Jan. 1978. WR 170
[Dep. Zool., Univ. N.C., Chapel Hill 27514]

WILDLIFE--POPULATION DYNAMICS

78-003568 Hornfeldt, Birger SYNCHRONOUS POPULATION FLUCTUATIONS IN VOLES, SMALL GAME, OWLS, AND TULAREMIA IN NORTHERN SWEDEN. Oecologia (Berl.) 32 (2): 141-152. 3 Feb. 1978. WR 170
[Dep. Ecol. Zool., Univ. Umea, S-90187 Umea, Sweden]

78-003569 Legendre, Pierre; Long, Francine; Bergeron, Raymond; Levasseur, Jean-Marc INVENTAIRE AERIEN DE LA FAUNE DANS LE MOYEN NORD QUEBECOIS. [AERIAL INVENTORY OF THE FAUNA OF NORTHWEST QUEBEC.] Can. J. Zool. 56 (3): 451-462. Mar. 1978. In French with English summ. WR 170
[Univ. Quebec, Montreal, Quebec, Canada H3C 3P8] Data for 16 spp.

WILDLIFE--MORTALITY & SURVIVAL

78-003570 Case, Ronald M. INTERSTATE HIGHWAY ROAD-KILLED ANIMALS: A DATA SOURCE FOR BIOLOGISTS. Wildl. Soc. Bull. 6 (1): 8-13. 1978. WR 170
[Dep. Forestry, Fisheries & Wildl., Univ. Nebr., Lincoln 68583]

WILDLIFE--PESTICIDES & POLLUTION

78-003571 Botts, R. P. THE SHORT-TERM EFFECTS OF LEAD ON DOMESTIC AND WILD ANIMALS. U.S. Environ. Prot. Agency Natl. Environ. Res. Cent. Ecol. Res. Ser. EPA-600/3-77-009. v + 29p. Jan. 1977. WR 170
[Corvallis Environ. Res. Lab., Corvallis, Oreg. 97330] Small quantities of lead, a ubiquitous and toxic element, may be found in practically all species of plants and animals. The list of animals, both domestic and wild, reportedly intoxicated by lead is impressive. Toxic levels for various species as reported in the literature vary widely and seemingly a single toxic dose for each species, as yet, has not been definitely established.--From abstr.

78-003572 Fleet, Robert R.; Plapp, Frederick W., Jr. DDT RESIDUES IN SNAKES DECLINE SINCE DDT BAN. Bull. Environ. Contam. Toxicol. 19 (4): 383-388. Apr. 1978. WR 170
[Plapp: Dep. Entomol., Tex. A&M Univ., College Station 77843] Data for 10 spp.

78-003573 Gardner, W. S.; Kendall, D. R.; Odom, R. R.; Windom, H. L; Stephens, J. A. THE DISTRIBUTION OF METHYL MERCURY IN A CONTAMINATED SALT MARSH ECOSYSTEM. Environ. Pollut. 15 (4): 243-251. Apr. 1978. WR 170
[Skidaway Inst. Oceanogr., P.O. Box 13687, Savannah, Ga. 31406] Includes data for 12 spp. of birds and 4 mammal species.

78-003574 Gregory, Murray R. ACCUMULATION OF PLASTIC PELLETS ON NEW ZEALAND BEACHES. Proc. N.Z. Ecol. Soc. 24: 131-132. 1977. Abstract only. WR 170
[Dep. Geol., Univ. Auckland, Auckland, New Zealand] "Furthermore, although the potential environmental effects of the pellets are not yet aesthetically offensive, the biologic hazards, if any, of these materials and their invisible degradation productions remains uncertain and should be investigated."

78-003575 Kober, Thomas Edward THE MECHANISM OF ACTION OF LEAD AND CADMIUM BLOCK IN THE BULLFROG SYMPATHETIC GANGLION. Ph.D. dissertation, Univ. Cincinnati 85p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):2063. Nov. 1977. WR 170
/Rana catesbeiana/.

78-003576 Saber, Peter A.; Dunson, William A. TOXICITY OF BOG WATER TO EMBRYONIC AND LARVAL ANURAN AMPHIBIANS. J. Exp. Zool. 204 (1): 33-42. Apr. 1978. WR 170
[Dep. Biol., Pa. State Univ., University Park 16802] /Rana catesbeiana/ and /Xenopus laevis/.

WILDLIFE--PARASITES & DISEASES

78-003577 Boever, William J. A CLINICIANS APPROACH TO PATHOLOGY OF ZOO ANIMALS. Auburn Vet. 34 (2): 44-45. 1978. WR 170
[St. Louis Zool. Park, St. Louis, Mo.]

78-003578 Duszynski, Donald W.; Box, Edith D. THE OPOSSUM (/DIDELPHIS VIRGINIANA/) AS A HOST FOR /SARCOCYSTIS DEBONEI/ FROM COWBIRDS (/MOLOTHRUS ATER/) AND GRACKLES (/CASSIDEX MEXICANUS/, /QUISCALUS QUISCULA/). J. Parasitol. 64 (2): 326-329. Apr. 1978. WR 170
[Dep. Biol., Univ. N. Mex., Albuquerque 87131]

78-003579 Ebedes, H. ANTHRAX EPIZOOTICS IN ETOSHA NATIONAL PARK. Madoqua 10 (2): 99-118. 1977. WR 170
[P/Bag 5020, Stellenbosch, 7600 Cape Province, South Africa] Data for 10 wildlife species.

78-003580 Hedger, R. S.; Hamblin, C. NEUTRALIZING ANTIBODIES TO BOVID HERPES VIRUS 1 (INFECTIOUS BOVINE RHINOTRACHEITIS/INFECTIOUS PUSTULAR VULVO-VAGINITIS) IN AFRICAN WILDLIFE WITH SPECIAL REFERENCE TO THE CAPE BUFFALO (/SYNCERUS CAFFER/). J. Comp. Pathol. 88 (2): 211-218. Apr. 1978. WR 170
[Animal Virus Res. Inst., Pirbright, Woking, Surrey, England] Data for 43 spp.

78-003581 Kapperud, Georg SURVEY FOR TOXOPLASMOS S IN WILD AND DOMESTIC ANIMALS FROM NORWAY AND SWEDEN. J. Wildl. Dis. 14 (2): 157 162. Apr. 1978. WR 170
[Natl. Inst. Public Health, Geitmyrsveien 75, Oslo 4, Norway]

78-003582 Trainer, Daniel O. WILDLIFE DISEASE--A PROFESSION? J. Wildl. Dis. 14 (2): 152-156. Apr. 1978. WR 170
[Coll. Nat. Resour., Univ. Wis., Stevens Point 54481]

WILDLIFE--ECONOMICS, DAMAGE, PREDATION, CONTROL

78-003583 Boddicker, Major H.; Tully, Robert J. COMMERCIALIZATION OF WESTERN WILDLIFE. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 233-240. July 1977. WR 170
[Colo. State Univ. Ext. Serv., Fort Collins 80523]

78-003584 de Vos, Antoon GAME AS FOOD. A REPORT ON ITS SIGNIFICANC IN AFRICA AND LATIN AMERICA. Unasylva 29 (116): 2-12. 1978. WR 17(

78-003585 Erickson, David B. ROBIN FEEDING UPON SNAKE. Murrelet 59 (1): 26. 1978. WR 170
[Coll. Fisheries, Univ. Wash., Pullman 98195] /Turdus migratorius/ and /Thamnophis/ sp.

78-003586 Goszczynski, Jacek CONNECTIONS BETWEEN PREDATORY BIRDS AND MAMMALS AND THEIR PREY. Acta Theriol. 22 (30): 399-430. Dec. 1977. In English with Polish summ. WR 170
[Inst. Ecol., Dep. Agroecol., Polish Acad. Sci., 64-003 Turew, Poland] /Microtus arvalis/ and its predators.

78-003587 Knight, Richard L.; Erickson, Albert W. MARMOTS AS A FOO SOURCE OF GOLDEN EAGLES ALONG THE COLUMBIA RIVER. Murrelet 59 (1): 28-30. 1978. WR 170
[Wash. State Dep. Game, 600 N. Capitol Way, Olympia 98504] /Marmot flaviventris/ and /Aquila chrysaetos/.

78-003588 Martin, William E.; Gum, Russell L. ECONOMIC VALUE OF HUNTING, FISHING, AND GENERAL RURAL OUTDOOR RECREATION. Wildl. Soc. Bull. 6 (1): 3-7. 1978. WR 170
[Dep. Agric. Economics, Univ. Ariz., Tucson 85721]

78-003589 Sterner, Ray T.; Shumake, Stephen A. BAIT-INDUCED PREY AVERSIONS IN PREDATORS: SOME METHODOLOGICAL ISSUES. Behav. Biol. 22 (4): 565-566. Apr. 1978. WR 170
[Denver Wildl. Res. Cent., Denver, Colo. 80225]

78-003590 Toweill, Dale E.; Henjum, Mark G. OBSERVATION OF COYOTE PREDATION ON RING-NECKED PHEASANTS. Murrelet 59 (1): 30. 1978. WR 170
[Forest Serv., Range & Wildl. Habitat Lab., La Grande, Oreg. 97850] /Canis latrans/ and /Phasianus colchicus/ in Oregon.

78-003591 Wilcox, Sidney W. EFFECTS OF INFLATION ON HUNTING IN THE U.S. 1970-1977. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 139-132. July 1977. WR 170
[Ariz. State Univ., Flagstaff]

HUNTING--AREAS & PROBLEMS

78-003592 Nagel, John E. GROWTH OF THE ANTI-HUNTING SYNDROME. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 153-158. July 1977. WR 170
[Utah Div. Wildl. Resour., Salt Lake City 84116]

78-003593 Shaw, William W.; Carpenter, Edwin H.; Arthur, Louise M.; Gum, Russell L.; Witter, Daniel J. THE AMERICAN DISPOSITION TOWARD HUNTING IN 1976. Wildl. Soc. Bull. 6 (1): 33-35. 1978. WR 170
[School Renewable Natural Resour., Univ. Ariz., Tucson 85721]

WILDLIFE--HARVEST & HUNTING STATISTICS

78-003594 McAlexander, A. K.; Kangas, D. A.; Shaddy, J. H. PUBLIC USAGE OF SWAN LAKE NATIONAL WILDLIFE REFUGE. Trans. Mo. Acad. Sci. 10 & 11: 250. 1977. Abstract only. WR 170
[Northeast Mo. State Univ., Kirksville]

78-003595 Mentis, M. T.; Collinson, R. F. H.; Wright, M. G. LEGAL HARVESTS OF PROTECTED GAME IN NATAL, 1973-1976. Lammergeyer 24: 13-18. Mar. 1978. WR 170
[Natal Parks Board, P.O. Box 662, Pietermaritzburg, 3200 South Africa]

WILDLIFE--MANAGEMENT & RESEARCH--GENERAL

78-003596 Ayeni, J. S. O. WATERHOLES IN TSAVO NATIONAL PARK, KENYA. J. Appl. Ecol. 14 (2): 369-378. Aug. 1977. WR 170
[Kainji Lake Res. Inst., Private Bag 666, New Bussa, Kwara State, Nigeria]

78-003597 Balinga, Victor S. COMPETITIVE USES OF WILDLIFE. Unasylva 29 (116): 22-25. 1978. WR 170
[Direction Eaux & Forets & Chasses, Yaounde, Cameroon]

78-003598 Crowe, Douglas M. WYOMING'S NONGAME PROGRAM. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 11-19. July 1977. WR 170
[Wyo. Game & Fish Dep., Cheyenne 82001]

78-003599 Edwards, Harold K. WILDLIFE HABITAT--A PLAN FOR NEBRASKA. Annu. Conv. Assoc. Midwest Fish Wildl. Comm. 44: E1-E4. 1977. WR 170
[Nebr. Game & Parks Comm., Lincoln 68503]

78-003600 Flath, Dennis L. MONTANA'S APPROACH TO NONGAME AND ENDANGERED SPECIES CONSERVATION. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 31-34. July 1977. WR 170
[Mont. Dep. Fish & Game, Helena 59601]

78-003601 Goulden, Richard C. USER-PAY WILDLIFE HABITAT DEVELOPMENT PROGRAM. Annu. Conv. Assoc. Midwest Fish Wildl. Comm. 44: E5-E7. 1977. WR 170
[Manitoba Dep. Renewable Resour. & Transportation Serv., 1495 St. James St., Winnipeg, Manitoba, Canada R3H 0W9]

78-003602 Holt, Sidney J.; Talbot, Lee M. NEW PRINCIPLES FOR THE CONSERVATION OF WILD LIVING RESOURCES. Wildl. Monogr. no. 59. 33p. Apr. 1978. Available at $2.30 from Executive Director, Wildlife Society, Suite 611, 7101 Wisconsin Ave., N.W., Washington, D.C. 20014. WR 170
[United Nations FAO, Rome, Italy]

78-003603 Hussain, Nemah G. AN EVALUATION OF THE MICHIGAN WILDLIFE LAW ENFORCEMENT EFFORT. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 35-66. July 1977. WR 170
[Mich. Dep. Nat. Resour., Lansing 48926]

78-003604 Jeffrey, Sonia HOW LIBERIA USES WILDLIFE. Oryx 14 (2): 168-173. Dec. 1977. WR 170

78-003605 Jones, Dale A. FUTURE OF HUNTING "THE WILDLIFE SUPPLY". Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 134-138. July 1977. WR 170

78-003606 Kennedy, Joseph Lane AN ANALYSIS OF THE EFFECTS OF AGENCY, OFFICER, AND USER RELATED VARIABLES ON THE PROVISION OF WILDLIFE LAW ENFORCEMENT. Ph.D. dissertation, Utah State Univ. 162p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3488. Feb. 1978. WR 170

78-003607 Kiss, Alexandre Charles SURVEY OF CURRENT DEVELOPMENTS IN INTERNATIONAL ENVIRONMENTAL LAW. IUCN Environ. Policy & Law Pap. no. 10. 141p. 1976. WR 170
Pages 80-108 deal with the protection of wildlife.

78-003608 Lenzini, Paul A. INDIAN RIGHTS AND LEGISLATION. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 127-133. July 1977. WR 170

78-003609 Long, Wayne WILDLIFE MANAGERS AND LAND USE. Cal-Neva Wildl. Trans. 1977: 139-141. 1977. Copies available from The Wildlife Society, 4606 San Marino Drive, Davis, Calif. 95616. WR 170
[Resour. Ecol. Assoc., Westpoint, Calif.]

78-003610 Madson, John THE ENGINES OF PUBLIC OPINION. Cal-Neva Wildl. Trans. 1977: 142-148. 1977. Copies available from The Wildlife Society, 4606 San Marino Drive, Davis, Calif. 95616. WR 170
[Winchester Group, Olin, East Alton, Ill.]

78-003611 Surujbally, R. S. GAME FARMING IS A REALITY. Unasylva 29 (116): 13-16. 1978. WR 170
[Natl. Council Sci. Res., Chilanga, Zambia]

78-003612 Torres, John R. COLORADO'S INVOLVEMENT IN NONGAME WILDLIFE. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 20-30. July 1977. WR 170
[Colo. Div. Wildl., Denver 80216]

78-003613 Ware, James L. WILDLIFE VIOLATIONS AND THE JUVENILE OFFENDER. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 72-81. July 1977. WR 170
[Utah Div. Wildl. Resour., Salt Lake City 84116]

WETLANDS & WILDLIFE

78-003614 Chapman, V. J. CHESAPEAKE BAY AND ITS MANAGEMENT. Proc. N.Z. Ecol. Soc. 23: 1-7. 1976. WR 170
[Dep. Botany, Univ. Auckland, Auckland, New Zealand]

78-003615 McLay, C. L. AN INVENTORY OF THE STATUS AND ORIGIN OF NEW ZEALAND ESTUARINE SYSTEMS. Proc. N.Z. Ecol. Soc. 23: 8-26. 1976. WR 170
[Dep. Zool., Univ. Canterbury, Christchurch, New Zealand]

FARMLANDS & WILDLIFE

78-003616 Duckett, J. E. PLANTATIONS AS A HABITAT FOR WILD LIFE IN PENINSULAR MALAYSIA WITH PARTICULAR REFERENCE TO THE OIL PALM (/ELAEIS GUINEENSIS/). Malay. Nat. J. 29 (3): 176-182. Mar. 1976. WR 170
[Kuala Lumpur Kepong Berhad, Kuala Lumpur, malaysia]

78-003617 Helliwell, D. R. SURVEY AND EVALUATION OF WILDLIFE ON FARMLAND IN BRITAIN: AN 'INDICATOR SPECIES' APPROACH. Biol. Conserv. 13 (1): 63-73. Jan. 1978. WR 170
[Inst. Terrestrial Ecol., Merlewood Res. Stn., Grange-over-Sands, Cumbria, England]

FORESTS & WILDLIFE

78-003618 Milonski, Mike DESIGN FOR CONSERVATION. Annu. Conv. Assoc. Midwest Fish Wildl. Comm. 44: E1-E5. 1977. WR 170
[Mo. Conserv. Dep., P.O. Box 180, Jefferson City 65101] Wildlife and forestry conservation in Missouri.

78-003619 Puglisi, Michael J.; Hassinger, Jerry D. AN ACETATE SURVEY GUIDE FOR FOREST WILDLIFE HABITAT IMPROVEMENT. Wildl. Soc. Bull. 6 (1): 40-42. 1978. WR 170
[Pa. Game Commission, 115 Fairlawn Ave., State College 16801]

78-003620 Schenbeck, G. L.; Dahlem, E. A. PROPOSED MANAGEMENT OF ASPEN HABITAT IN NORTHERN NEVADA. Cal-Neva Wildl. Trans. 1977: 68-74. 1977. Copies available from The Wildlife Society, 4606 San Marino Drive, Davis, Calif. 95616. WR 170
[Bureau of Land Management, Winnemucca, Nev.] /Odocoileus hemionus/ and birds.

ENVIRONMENTAL IMPACTS & ASSESSMENTS

78-003621 Allaire, Pierre N. RECLAIMED SURFACE MINES: NEW POTENTIAL FOR SOME NORTH AMERICAN BIRDS. Am. Birds 32 (1): 3-5. Jan. 1978. WR 170
[Dep. Sci. & Math., Lees Junior Coll., Jackson, Ky. 41339] "Losses of forest habitat may be partially compensated for by increases in certain grassland species."

78-003622 Bertram, G. C. L. MAN PRESSURE AGAIN. Oryx 14 (2): 160-162. Dec. 1977. WR 170

78-003623 Brundidge, Scott PEABODY COAL COMPANY. Annu. Conv. Assoc. Midwest Fish Wildl. Comm. 44: E1-E11. 1977. WR 170
[Peabody Coal Co., Columbia, Mo.] Results of reclamation of coal surface mining.

78-003624 Busch, John A. SOCIOLOGY AND POLICY: THE CLARK MARITIME CENTRE ENVIRONMENTAL IMPACT ASSESSMENT. Trans. Ky. Acad. Sci. 39 (1-2): 54-59. Mar. 1978. WR 170
[Dep. Sociology, Univ. Louisville, Louisville, Ky. 40208]

78-003625 Giles, Robert H., Jr. A COMPUTER-BASED METHODOLOGY FOR REDUCING WILDLIFE IMPACTS FROM HIGH VOLTAGE POWERLINE LOCATION. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 104-110. July 1977. WR 170
[Dep. Fisheries & Wildl. Sci., Va. Polytech. Inst. & State Univ., Blacksburg 24061]

78-003626 Hamill, John F.; Nez, George A COMPUTER-BASED METHODOLOGY FOR PREDICTING THE IMPACTS OF ENERGY RESOURCE DEVELOPMENTS ON WILDLIFE. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 111-126. July 1977. WR 170

78-003627 Iverson, L. R.; Wali, M. K. THE ROLE OF PIONEERING VEGETATION IN ECOLOGICAL SUCCESSION OF SURFACE MINED AREAS IN NORTH DAKOTA. Proc. N. D. Acad. Sci. 32 (1): 3. Apr. 1978. Abstract only. WR 170
[Univ. N. Dak., Grand Forks 58202]

78-003628 Lapping, Mark B. THE LEGAL REVOLUTION IN ENVIRONMENTAL MANAGEMENT. Trans. Mo. Acad. Sci. 10 & 11: 250. 1977. Abstract only. WR 170
[School Forestry, Fisheries & Wildl., Univ. Mo., Columbia]

78-003629 McGowan, Terry FOSSIL FUEL DEPLETION EFFECTS ON FISH & WILDLIFE. Annu. Conv. Assoc. Midwest Fish Wildl. Comm. 44: E1-E9. 1977. WR 170
[Office Biol. Serv., U.S. Fish Wildl. Serv., Fort Collins, Colo. 80521]

78-003630 Pehrson, Ralph V. IDAHO FISH AND WILDLIFE MITIGATION--COMPLICATIONS AND CONSEQUENCES. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 263-272. July 1977. WR 170
[Idaho Dep. Fish & Game, Boise 83707]

78-003631 Pierce, Robert A.; Kirkwood, Robert T. EVALUATION OF PLANTINGS FOR WILDLIFE ON A POWER LINE RIGHT OF WAY IN SOUTHERN ARKANSAS. Arkansas Acad. Sci. Proc. 31: 83-89. 1977. WR 170
[Univ. Ark., 1201 McAlmont, Little Rock 72202]

78-003632 Possardt, Earl E.; Dodge, Wendell E. STREAM CHANNELIZATION IMPACTS ON SONGBIRDS AND SMALL MAMMALS IN VERMONT. Wildl. Soc. Bull. 6 (1): 18-24. 1978. WR 170
[Federal Power Commission, A25 N. Capitol St., Washington, D.C. 20426]

78-003633 Roppe, Jerry A.; Hein, Dale EFFECTS OF FIRE ON WILDLIFE IN A LODGEPOLE PINE FOREST. Southwest. Nat. 23 (2): 279-288. 20 Mar. 1978. WR 170
[Dep. Fishery & Wildl. Biol., Colo. State Univ., Fort Collins 80523]
Abstract: Effects of a subalpine wildfire on populations of wildlife in northcentral Colorado were investigated 8 years after the burn. Inventories of birds and mammals were compared on the 190-ha burn with those from an adjacent similar site of lodgepole pine (/Pinus contorta/) in 1974. Species diversity for birds and small mammals was greater on the burn than in the adjacent lodgepole. Species composition of both birds and mammals was different in the two habitats, but population densities of birds and small mammals were not significantly different in the two habitats in summer. Mule deer (/Odocoileus hemionus/) and elk (/Cervus canadensis/) used the burn more than the lodgepole during winter. Estimated values of total biomass for all birds and mammals were similar for both habitats.

78-003634 Sersland, Harold N. FISH AND WILDLIFE MITIGATION ON U.S. BUREAU OF RECLAMATION PROJECTS UPPER COLORADO REGION--PAST AND FUTURE. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 257-262. July 1977. WR 170

78-003635 Sweeney, William D. PRESERVATION AND ENHANCEMENT OF FISH AND WILDLIFE HABITAT IN THE WATER RESOURCE DEVELOPMENT PLANNING PROCESS. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 252-256. July 1977. WR 170

78-003636 Whitmore, Robert C.; Hall, George A. THE RESPONSE OF PASSERINE SPECIES TO A NEW RESOURCE: RECLAIMED SURFACE MINES IN WEST VIRGINIA. Am. Birds 32 (1): 6-9. Jan. 1978. WR 170
[Dep. Forestry, W. Va. Univ., Morgantown 26506]

MAMMALS--GENERAL

78-003637 Jones, Cynthia Lance THE MORPHOGENESIS OF THE MAMMALIAN HINDLIMB WITH SPECIAL REFERENCE TO RODENT THIGH MUSCULATURE. Ph.D. dissertation, Univ. Mass. 196p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3588. Feb. 1978. WR 170
/Mus musculus/ and /Marmosa/ sp.

78-003638 McNab, Brian K. THE EVOLUTION OF ENDOTHERMY IN THE PHYLOGENY OF MAMMALS. Am. Nat. 112 (983): 1-21. Jan.-Feb. 1978. WR 170
[Dep. Zool., Univ. Fla., Gainesville 32611]

78-003639 Pucek, Michalina POLISH THERIOLOGICAL BIBLIOGRAPHY, 1976. Acta Theriol. 22 (36): 531-542. Dec. 1977. WR 170
[Mammals Res. Inst., Polish Acad. Sci., 17-230 Bialowieza, Poland]

78-003640 Wilson, K. J.; Kilgore, D. L., Jr. THE EFFECTS OF LOCATION AND DESIGN ON THE DIFFUSION OF RESPIRATORY GASES IN MAMMAL BURROWS. J. Theor. Biol. 71 (1): 73-101. 7 Mar. 1978. WR 170
[P.O. Box 1377, Santa Cruz, Calif. 95060]

MAMMALS--TECHNIQUES

78-003641 Bourque, Bruce J.; Morris, Kenneth; Spiess, Arthur DETERMINING THE SEASON OF DEATH OF MAMMALS TEETH FROM ARCHEOLOGICAL SITES: A NEW SECTIONING TECHNIQUE. Science 199 (4328): 530-531. 3 Feb. 1978. WR 170
[Maine State Mus., Augusta 04330]

78-003642 Feldhamer, George A. A NEW TYPE OF HEAT SHIELD FOR USE WITH LIFE-TRAPS. Murrelet 58 (3): 82-83. 1977. WR 170
[Gunter Hall, Frostburg State Coll., Frostburg, Md. 21532]

78-003643 Friend, Gordon R. A COMPARISON OF PREDATOR SCAT ANALYSIS WITH CONVENTIONAL TECHNIQUES IN A MAMMAL SURVEY OF CONTRASTING HABITATS IN GIPPSLAND, VICTORIA. Aust. Wildl. Res. 5 (1): 75-83. Mar. 1978. WR 170
[Dep. Zool., Univ. Melbourne, Victoria 3052, Australia]

78-003644 Heidt, Gary A. A PORTABLE ANESTHESIA CHAMBER FOR INTRACTABLE SMALL MAMMALS. Lab. Anim. Sci. 28 (2): 212-213. Apr. 1978. WR 170
[Dep. Biol., Univ. Ark., Little Rock 72204]

78-003645 Mironov, A. D.; Mironov, V. D. [A DEVICE FOR STUDYING THE BURROW AND SUBSNOW ACTIVITY OF SMALL RODENTS.] Zool. Zh. 57 (3): 442-445. Mar. 1978. In Russian with English summ. WR 170
[State Univ. Leningrad, Leningrad, USSR] Summary: A compact device was developed for studying the frequency of visiting the burrows by small animals. The pickup was assembled by the scheme of capacity relay. The liability of the device was checked under the winter and summer conditions. It was established by means of this device that there was a peculiar interspecific temporary isolation in the forest-steppe zone between /Apodemus flavicollis/ and /Clethrionomys glareolus/ occuring in the same territory.

78-003646 Radvanyi, Andrew AN IMPROVED DESIGN FOR A SMALL MAMMAL LIVE TRAP. Can. Field-Nat. 91 (4): 399-401. Oct.-Dec. 1977. WR 170
[Canadian Wildl. Serv., 10025 Jasper Ave., Edmonton, Alberta T5J 1S6, Canada]

78-003647 Short, Henry L. ANALYSIS OF CUTICULAR SCALES ON HAIRS USING THE SCANNING ELECTRON MICROSCOPE. J. Mammal. 59 (2): 261-268. 30 May 1978. WR 170
[Western Energy & Land Use Team, USFWS, Fort Collins, Colo. 80521]
Abstract: Cuticular scales on hairs have sometimes been described as providing adequate identification of mammalian species or even of individual donors. However, the analysis of photomicrographs of hair from 52 species of mammals taken with the aid of the scanning electron microscope (SEM) indicate that cuticular scales of hair are of limited taxonomic use.

MAMMALS--FAUNAS, COMMUNITIES, MANUALS

78-003648 Abramsky, Zvika Zvi SMALL MAMMALS STUDIES IN NATURAL AND MANIPULATED SHORTGRASS PRAIRIE. Ph.D. dissertation, Colo. State Univ. 215p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(7):3021. Jan. 1978. WR 170
Data for 6 spp.

78-003649 Bruton, M. N. RECENT MAMMAL RECORDS FROM EASTERN TONGALAND IN KWAZULU, WITH NOTES ON HIPPOPOTAMUS IN LAKE SIBAYA. Lammergeyer 24: 19-27. Mar. 1978. WR 170
[Rhodes Univ., Grahamstown, 6140 South Africa]

78-003650 Dalquest, Walter W. EARLY BLANCAN MAMMALS OF THE BECK RANCH LOCAL FAUNA OF TEXAS. J. Mammal. 59 (2): 269-298. 30 May 1978. WR 170
[Dep. Biol., Midwestern State Univ., Wichita Falls, Tex. 76308]
Data for 58 taxa.

78-003651 Dao Van Tien [AN EXPERIENCE OF ZOOGEOGRAPHICAL REGIONALIZATION OF VIETNAM.] Zool. Zh. 57 (4): 582-586. Apr. 1978. In Russian with English summ. WR 170
[Univ. Hanoi, Hanoi, Vietnam] Rodentia and Lagomorpha.

78-003652 Ernst, Carl H.; French, Lee THE MAMMALS OF SOUTHWESTERN MINNESOTA. Trans. Kans. Acad. Sci. 79 (162): 47-54. 1976. WR 170
[Dep. Biol., George Mason Univ., Fairfax, Va.] Annotated list.

78-003653 Glanz, William Edward COMPARATIVE ECOLOGY OF SMALL MAMMAL COMMUNITIES IN CALIFORNIA AND CHILE. Ph.D. dissertation, Univ. Calif. (Berkeley) 323p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8): 3534. Feb. 1978. WR 170

78-003654 Harris, Wayne C. , compiler SASKATCHEWAN CHRISTMAS MAMMAL COUNT--1977. Blue Jay 36 (1): 47-48. Mar. 1978. WR 170
[Box 93, Raymore, Saskatchewan S0A 3J0, Canada]

78-003655 Lindsay, Stephen L. A NUMERICAL ANALYSIS OF THE SMALL MAMMAL COMPONENT OF MICROHABITATS IN THE BLUE MOUNTAINS OF OREGON. J. Tenn. Acad. Sci. 53 (2): 73. Apr. 1978. Abstract only. WR 170
[Memphis State Univ., Memphis, Tenn.]

78-003656 McMullen, Terrance L. MAMMALS OF THE DUCK CREEK LOCAL FAUNA, LATE PLEISTOCENE OF KANSAS. J. Mammal. 59 (2): 374-386. 30 May 1978. WR 170
[Dep. Geol., Univ. Iowa, Iowa City 52242]

78-003657 Nicol, Susan L. A MAMMAL STUDY OF THE KINGLAKE AREA, VICTORIA. Aust. Wildl. Res. 5 (1): 123-134. Mar. 1978. WR 170
[Mammal Surv. Group Victoria, 6 Alphington St., Fairfield, Victoria 3078, Australia] Data for 23 spp.

78-003658 Porter, Linda Susan Wingo PLEISTOCENE PLUVIAL CLIMATES AS INDICATED BY PRESENT DAY CLIMATIC PARAMETERS OF /CRYPTOTIS PARVA/ AND /MICROTUS MEXICANUS/. J. Mammal. 59 (2): 330-338. 30 May 1978. WR 170
[Lab. Environ. Biol., Univ. Tex., El Paso 79968]

78-003659 Saha, Subhendu Sekhar ON SOME MAMMALS RECENTLY COLLECTED IN BHUTAN. J. Bombay Nat. Hist. Soc. 74 (2): 350-354. Aug. 1977. WR 170
[Zool. Surv. India, Calcutta 700 016, India]

78-003660 Stinson, Nathaniel, Jr. SPECIES DIVERSITY, RESOURCE PARTITIONING, AND DEMOGRAPHY OF SMALL MAMMALS IN A SUBALPINE DECIDUOUS FOREST. Ph.D. disseration, Univ. Colo. 253p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):2023. Nov. 1977. WR 170
Data for 12 spp.

78-003661 Thacker, Maxine MAMMALS OF HARDY COUNTY. Redstart 45 (1): 54-55. Jan. 1978. WR 170
[5 West Victoria St., Buckhannon, W. Va. 26201]

78-003662 Zakrzewski, R. J. SMALL MAMMALS FROM THE KANAPOLIS LOCAL FAUNA, PLEISTOCENE OF ELLSWORTH COUNTY, KANSAS. Trans. Kans. Acad. Sci. 79 (3&4): 97. 1976. WR 170
[Dep. Earth Sci., Fort Hays Kans. State Coll., Hays]

MAMMALS--MORPHOLOGY & PHYSIOLOGY

78-003663 Castex, C.; Hoo-Paris, R.; Donnio, R.; More, J.; Sutter, B. Ch. J. DETERMINATION OF INSULIN LEVELS OF THE COMMON DORMOUSE (/GLIS GLIS/) AND HEDGEHOG (/ERINACEUS EUROPAEUS/) WITH REFERENCE TO THE RAT. Comp. Biochem. Physiol. A Comp. Physiol. 59 (3): 285-289. 1978. WR 170
[Lab. Endocrinol., Univ. Bordeaux I, F-33405 Talence Cedex, France]

78-003664 Crompton, A. W.; Parker, Pamela EVOLUTION OF THE MAMMALIAN MASTICATORY APPARATUS. Am. Sci. 62 (2): 192-201. Mar.-Apr. 1978. WR 170
[Mus. Comp. Zool., Harvard Univ., Cambridge, Mass. 02138]

78-003665 Crompton, A. W.; Taylor, C. Richard; Jagger, James A. EVOLUTION OF HOMEOTHERMY IN MAMMALS. Nature 272 (5651): 333-336. 23 Mar. 1978. WR 170
[Mus. Comp. Zool., Harvard Univ., Cambridge, Mass. 02138] "We propose that mammalian homeothermy was acquired in two steps. The first step enabled mammals to invade a nocturnal niche without an increase in resting metabolic rate. The second step enabled them to invade a diurnal niche and involved the acquisition of higher body temperatures and metabolic rates."

78-003666 Deavers, Daniel Ronald WATER METABOLISM AND THERMOREGULATION IN TWO RODENTS (/CLETHRIONOMYS GAPPERI/ AND /PEROMYSCUS LEUCOPUS/) AND AN INSECTIVORE (/BLARINA BREVICAUDA/) INHABITING THE SAME MESIC ENVIRONMENT. Ph.D. dissertation, Cornell Univ. 155p. 1976. From Diss. Abstr. Int. B Sci. Eng. 38(3):1065. Sept. 1977. WR 170

78-003667 Holland, Robert A. B.; Ross, Jane A. CARBON MONOXIDE: OXYGEN AFFINITY RATIO IN BLOOD OF AUSTRALIAN MARSUPIALS AND MONOTREMES. Comp. Biochem. Physiol. A Comp. Physiol. 59 (4): 343-346. 1978. WR 170
[School Physiol. & Pharmacol., Univ. New South Wales, Kensington, New South Wales 2033, Australia] /Megaleia rufa/, /Macropus giganteus/, /Potorous tridactylus/, /Trichosurus vulpecula/, /Marcotis lagotis/, /Tachyglossus aculeatus aculeatus/ and /Ornithorhyncus anatinus/.

78-003668 Novacek, Michael J. ASPECTS OF THE PROBLEM OF VARIATION, ORIGIN AND EVOLUTION OF THE EUTHERIAN AUDITORY BULLA. Mammal Rev. 7 (3/4): 131-149. Sept./Dec. 1977. WR 170
[Dep. Zool., San Diego State Univ., San Diego, Calif. 92182]

78-003669 Pokarzhevskii, A. D.; Isaev, S. I. MIGRATION OF CALCIUM THROUGH POPULATIONS OF TERRESTRIAL ANIMALS. Sov. J. Ecol. (Engl. Transl. Ekologiya) 8 (4): 324-327. May 1978. Translated from Ekologiya no. 4:47-50. July-Aug. 1977. WR 170
[A.N. Severtsov Inst. Evolutionary Morphol. & Animal Ecol., Acad. Sci. USSR, USSR] /Apodemus sylvaticus/, /Clethrionomys rutilus/ and /Sorex araneus/ in the USSR.

MAMMALS--BEHAVIOR

78-003670 Baenninger, R.; Estes, Richard D.; Baldwin, S. ANTI-PREDATOR BEHAVIOUR OF BABOONS AND IMPALAS TOWARD A CHEETAH. East Afr. Wildl. J. 15 (4): 327-329. Dec. 1977. WR 170
[Psychol. Dep., Temple Univ., Philadelphia, Pa. 19122] /Papio anubis/, /Aepyceros melampus/ and /Acinonyx/ in Tanzania.

78-003671 Fogel, Robert; Trappe, James M. FUNGUS CONSUMPTION (MYCOPHAGY) BY SMALL ANIMALS. Northwest Sci. 52 (1): 1-31. Feb. 1978. WR 170
[Forest Sci. Dep., Oreg. State Univ., Corvallis 97331]

78-003672 Low, Bobbi S. ENVIRONMENTAL UNCERTAINTY AND THE PARENTAL STRATEGIES OF MARSUPIALS AND PLACENTALS. Am. Nat. 112 (983): 197-213. Jan.-Feb. 1978. WR 170
[School. Nat. Resour., Univ. Mich., Ann Arbor 48109]

MAMMALS--POPULATION DYNAMICS

78-003673 Mwalyosi, Raphael B. B. A COUNT OF LARGE MAMMALS IN LAKE MANYARA NATIONAL PARK. East Afr. Wildl. J. 15 (4): 333-335. Dec. 1977. WR 170
Data for 7 spp. for counts made during 1965-1975.

MAMMALS--PESTICIDES & POLLUTION

78-003674 Blus, Lawrence J. SHORT-TAILED SHREWS: TOXICITY AND RESIDUE RELATIONSHIPS OF DDT, DIELDRIN, AND ENDRIN. Arch. Environ. Contam. Toxicol. 7 (1): 83-98. 1978. WR 170
[Patuxent Wildl. Res. Cent., Laurel, Md. 20811] /Blarina brevicauda/.

78-003675 Clark, Donald R., Jr.; LaVal, Richard K.; Swineford, Douglas M. DIELDRIN-INDUCED MORTALITY IN AN ENDANGERED SPECIES, THE GRAY BAT (/MYOTIS GRISESCENS/). Science 199 (4335): 1357-1359. 24 Mar. 1978. WR 170
[Patuxent Wildl. Res. Cent., Laurel, Md. 20811]

78-003676 Diters, Richard W.; Nielsen, Svend W. LEAD POISONING OF RACCOONS IN CONNECTICUT. J. Wildl. Dis. 14 (2): 187-192. Apr. 1978. WR 170
[Northeastern Res. Cent. Wildl. Dis., Univ. Conn., Storrs 06268] /Procyon lotor/.

78-003677 Eyden, B. P.; Maisin, J. R.; Mattelin, G. LONG-TERM EFFECTS OF DIETARY LEAD ACETATE ON SURVIVAL, BODY WEIGHT AND SEMINAL CYTOLOGY IN MICE. Bull. Environ. Contam. Toxicol. 19 (3): 266-272. Mar. 1978. WR 170
[Cent. Etude Energie Nucleaire, Boeretang 200, B-2400 Mol, Belgium] /Mus musculus/.

78-003678 Murkat, P. C. A COMPARATIVE STUDY OF DIELDRIN-INDUCED HEPATOTOXICITY IN RABBITS (/ORYCTOLAGUS CUNICULUS/) AND RATS (/RATTUS ALBICANS/): HISTOLOGICAL AND HISTOCHEMICAL ASPECTS. Indian J. Anim. Sci. 47 (11): 757-761. Nov. 1977. WR 170

78-003679 Itokawa, Yoshinori; Nishino, Kosuke; Takashima, Machiko; Nakata, Toshikazu; Kaito, Hiroshi; Okamoto, Eiich; Daijo, Dazuyuki; Kawamura, Juichi RENAL AND SKELETAL LESIONS IN EXPERIMENTAL CADMIUM POISONING OF RATS. HISOTLOGY AND RENAL FUNCTION. Environ. Res. 15 (2): 206-217. Apr. 1978. WR 170
[Dep. Hygiene, Kyoto Univ., Kyoto, Japan] /Rattus norvegicus/.

78-003680 Kala, Anita; Rao, G. S.; Pandya, K. P. EFFECTS OF PETROLEUM HYDROCARBON SOLVENTS ON ALKALINE PHOSPHATASE OF RATS. Bull. Environ. Contam. Toxicol. 19 (3): 287-293. Mar. 1978. WR 170
[Industrial Toxicol. Res. Cent., Lucknow, India] /Rattus norvegicus/.

78-003681 Kari, Tarja; Kauranen, Pentti MERCURY AND SELENIUM CONTENTS OF SEALS FROM FRESH AND BRACKISH WATERS IN FINLAND. Bull. Environ. Contam. Toxicol. 19 (3): 273-280. Mar. 1978. WR 170
[Dep. Chem., Univ. Kuopio, P.O.B. 138, SF-70101 Kuopio 10, Finland] /Phoca hispida/ and /P. h. saimensis/.

78-003682 Lee, Cheng-Chun; Russell, John Q.; Minor, Jan L. ORAL TOXICITY OF FERRIC DIMETHYLDITHIOCARBAMATE (FERBAM) AND TETRAMETHYLTHIURAM DISULFIDE (THIRAM) IN RODENTS. J. Toxicol. Environ. Health 4 (1): 93-106. Jan. 1978. WR 170
[Pharmacol. & Toxicol., Midwest Res. Inst., 425 Volker Blvd., Kansas City, Mo. 64110]

78-003683 Lee, Han-min THE DEVELOPMENT OF HYPOTHALAMIC TESTOSTERONE AND ESTRADIOL BINDING PROTEINS AND EFFECTS OF NEONATAL ADMINISTRATION OF O,P'-DDT ON SEXUAL DIFFERENTIATION OF THE BRAIN IN RATS. Ph.D. dissertation, Cornell Univ. 261p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(7):3067. Jan. 1978. WR 170
/Rattus norvegicus/.

78-003684 Levine, Tina E. CONDITIONED AVERSION FOLLOWING INGESTION OF METHYLMERCURY IN RATS AND MICE. Behav. Biol. 22 (4): 489-496. Apr. 1978. WR 170
[Dep. Radiation Biol. & Biophysics, Univ. Rochester School Med. & Dentistry, Rochester, N.Y. 14642] /Mus musculus/ and /Rattus norvegicus/.

78-003685 Sheffy, Thomas Benedict MERCURY BURDENS IN FURBEARERS OF THE WISCONSIN RIVER WATERSHED. Ph.D. dissertation, Univ. Wis. 148p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(6):2576. Dec. 1977. WR 170

"Mercury determinations were made on one hundred forty-five furbearers collected from trappers in the Wisconsin River watershed, and from other parts of the state. The species examined included beavers, muskrats, raccoons, foxes, minks, and otters."

78-003686 Thawley, David G.; Pratt, Sara E.; Selby, Lloyd A. ANTAGONISTIC EFFECT OF ZINC ON INCREASED URINE DELTA-AMINOLEVULINIC ACID EXCRETION IN LEAD-INTOXICATED RATS. Environ. Res. 15 (2): 218-226. Apr. 1978. WR 170

[Coll. Veterinary Med., Univ. Mo., Columbia 65201] /Rattus norvegicus/.

78-003687 Thorne, B. M.; Tylor, E.; Wallace, T. MIREX AND BEHAVIOR IN THE LONG-EVANS RAT. Bull. Environ. Contam. Toxicol. 19 (3): 351-359. Mar. 1978. WR 170

[Dep. Psychol., Miss. State Univ., P.O. Drawer PF, Mississippi State 39762] /Rattus norvegicus/.

78-003688 Warren, R. J.; Kirkpatrick, R. L.; Young, R. W. BARBITURATE-INDUCED SLEEPING TIMES, LIVER WEIGHTS, AND REPRODUCTION OF COTTONTAIL RABBITS AFTER MIREX INGESTION. Bull. Environ. Contam. Toxicol. 19 (2): 223-228. Feb. 1978. WR 170

[Dep. Fisheries & Wildl. Sci., Va. Polytech. Inst. & State Univ., Blacksburg 24061] /Sylviagus floridanus/.

MAMMALS--PARASITES & DISEASES

78-003689 Ashford, R. W. /SARCOCYSTIS CYNRUENSIS/ N. SP., A PARASITE OF RATS /RATTUS NORVEGICUS/ AND CATS /FELIS CATUS/. Ann. Trop. Med. Parasitol. 72 (1): 36-43. Feb. 1978. WR 170

[Dep. Parasitol., Liverpool School Tropical Med., Liverpool L3 5QA, England]

78-003690 Cirone, S. M.; Riemann, H. P.; Ruppanner, R.; Behymer, D. E.; Franti, C. E. EVALUATION OF THE HEMAGGLUTINATION TEST FOR EPIDEMIOLOGIC STUDIES OF LEPTOSPIRAL ANTIBODIES IN WILD MAMMALS. J. Wildl. Dis. 14 (2): 193-202. Apr. 1978. WR 170

[Post Veterinarian, Ft. Riley, Kans. 66442]

78-003691 Fain, A. MITES OF THE FAMILY MYOBIIDAE (ACARINA: PROSTIGMATA/) FROM MAMMALS IN THE COLLECTION OF THE BRITISH MUSEUM (NATURAL HISTORY). Bull. Br. Mus. (Nat. Hist.) Zool. Ser. 33 (3): 193-229. 30 Mar. 1978. WR 170

[Inst. Med. Trop. Prince Leopold, Nationalestraat 155, B-2000 Antwerp, Belgium]

78-003692 Fain, A.; Lukoschus, F. S. NOUVELLES OBSERVATIONS SUR LES MYOBIIDAE PARASITES DES RONGEURS (ACARINA: PROSTIGMATES). [NEW OBSERVATIONS ON MYOBIIDAE PARASITES OF RODENTS (ACARINA: PROSTIGMATES).] Acta Zool. Pathol. Antverpiensia no. 69. p. 11-98. Dec. 1977. In French. WR 170

78-003693 Gordon, David; Croll, Neil A.; Rau, Manfred E. LES PARASITES DES ANIMAUX SAUVAGES DU QUEBEC. 1. LES PARASITES DES POISSONS ET DES MAMMIFERES DE LA REGION DE SCHEFFERVILLE. [THE PARASITES OF THE WILD ANIMALS OF QUEBEC. 1. THE PARASITES OF FISH AND MAMMALS OF THE SCHEFFERVILLE REGION.] Nat. Can. (Que.) 105 (1): 55. Jan.-Feb. 1978. In French. WR 170
[Inst. Parasitol., Macdonald Coll., Univ. McGill, Ste. Anne-de-Bellevue, Quebec H0A 1C0, Canada] /Tamiasciurus hudsonicus/, /Clethrionomys gapperi/ and /Microtus pennsylvanicus/.

78-003694 Greer, Marjorie; Greer, J. K.; Gillingham, James OSTEOARTHRITIS IN SELECTED WILD MAMMALS. Proc. Okla. Acad. Sci. 57: 39-43. 1977. WR 170
[Dep. Physical Therapy, Univ. Okla., Norman 73109] Abstract: Examination of mammalian skeletons provided evidence that arthritis is widespread among a variety of medium and large-sized mammals, both captive and noncaptive. Many bones are involved; the most extensive exostoses occur around the articular surfaces of the vertebral bodies. Arthritis tends to appear after epiphyseal plates are ossified. Animals of different life styles and diets are afflicted.

78-003695 Gutteridge, W. E.; Cover, B.; Gaborak, Maria ISOLATION OF BLOOD AND INTRACELLULAR FORMS OF /TRYPANOSOMA CRUZI/ FROM RATS AND OTHER RODENTS AND PRELIMINARY STUDIES OF THEIR METABOLISM. Parasitology 76 (2): 159-176. Apr. 1978. WR 170
[Biol. Lab., Univ. Kent., Canterbury, Kent CT2 7NJ, England]

78-003696 Hadi, Tuti R.; Carney, W. Patrick TWO NEW TROMBICULID MITES FROM MAMMALS OF SOUTH VIETNAM, WITH LOCALITY RECORDS FOR SIX ADDITIONAL SPECIES (ACARINA: TROMBICULIDAE). J. Med. Entomol. 14 (4): 455-460. 24 Dec. 1977. WR 170
[U.S. Naval Med. Res. Unit No. 2 (NAMRU-2), c/o Natl. Inst. Health Res. & Development, P.O. Box 226, Jakarta, Indonesia]

78-003697 Hagiwara, Toshikatsu TOXOPLASMOSIS OF ANIMALS IN JAPAN. Int. J. Zoonoses 4 (2): 56-70. Dec. 1977. In English. WR 170
[Dep. Veterinary Sci., Natl. Inst. Health, Shinagawa-ku, Tokyo 141, Japan] /Lepus timidus ainu/, /Nyctereutes viverrinus/, /Lemur catta/ and domestic animals.

78-003698 Lim Boo Liat; Betterton, Christine /PARAGONIMUS WESTERMANI/ IN MALAYSIAN FELIDAE AND VIVERRIDAE: PROBABLE MODES OF TRANSMISSION IN RELATION TO HOST FEEDING HABITS. J. Helminthol. 51 (4): 295-299. Dec. 1977. WR 170
[Inst. Med. Res., Kuala Lumpur, Malaysia]

78-003699 Mitchell, Richard Merle ACCOUNTS OF NEPALESE MAMMALS AND ANALYSIS OF THE HOST-ECTOPARASITE DATA BY COMPUTER TECHNIQUES. Ph.D. dissertation, Iowa State Univ 576p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(7):3084. Jan. 1978. WR 170

78-003700 Wilson, Nixon; Wodzicki, Kazimierz ECTOPARASITES FROM FRUIT BATS AND RATS ON NIUE ISLAND. N.Z. J. Zool. 4 (4): 383-387. Nov. 1977. WR 170
[Univ. Northern Iowa, Cedar Falls 50613] /Rattus rattus/, /R. exulans/ and /Pteropus t. tonganus/.

MAMMALS--ECONOMICS, DAMAGE, PREDATION, CONTROL

78-003701 Boggess, Edward K. KANSAS LIVESTOCK LOSSES TO PREDATION. Trans. Kans. Acad. Sci. 79 (3&4): 87. 1976. Abstract only. WR 170
[Southwest Area Extension Office, Garden City, Kans.]

78-003702 Boggess, Edward K.; Andrews, Ronald D.; Bishop, Richard A. DOMESTIC ANIMAL LOSSES TO COYOTES AND DOGS IN IOWA. J. Wildl. Manage. 42 (2): 362-372. Apr. 1978. WR 170
[Kans. State Univ., Southwest Area Ext. Office, 1501 Fulton Terrace, Garden City 67846] /Canis latrans/ and /C. familiaris/.

78-003703 Buckley, John BARN OWL PREDATION ON THE HARVEST MOUSE. Mammal Rev. 7 (3/4): 117-121. Sept./Dec. 1977. WR 170
[2 St. Philip's Way, Bitterne, Southampton SO2 5NH, England] /Tyto alba alba/ and /Micromys minutus/.

78-003704 Guthery, Fred S.; Beasom, Samuel L. EFFECTIVENESS AND SELECTIVITY OF NECK SNARES IN PREDATOR CONTROL. J. Wildl. Manage. 42 (2): 457-459. Apr. 1978. WR 170
[Dep. Range & Wildl. Manage., Tex. Tech Univ., Lubbock 79409] Data for 13 spp. of mammals.

78-003705 Guthery, Frederick Stewart EFFICACY AND ECOLOGICAL EFFECTS OF PREDATOR CONTROL IN SOUTH TEXAS. Ph.D. dissertation, Tex. A&M Univ. 60p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(4):1483. Oct. 1977. WR 170
/Canis latrans/ and /Lynx rufus/.

78-003706 Lensing, J. E.; Joubert, Eugene INTENSITY DISTRIBUTION PATTERNS FOR FIVE SPECIES OF PROBLEM ANIMALS IN SOUTH WEST AFRICA. Madoqua 10 (2): 131-141. 1977. WR 170
[Nature Conservation & Tourism Div., Winkhoek, South West Africa] /Canis mesomelas/, /Lycaon pictus/, /Felis caracal/, /Papio ursinus/ and /Procavia capensis/.

78-003707 Lowry, Dwain A.; McArthur, Katherine L. DOMESTIC DOGS AS PREDATORS ON DEER. Wildl. Soc. Bull. 6 (1): 38-39. 1978. WR 170
[Idaho Fish & Game Dep., 512 E. Larch, Box 866, Osburn 83849] /Canis familiaris/, /Odocoileus hemionus/ and /O. virginianus/.

78-003708 MacConnell-Yount, Elizabeth; Smith, Carol MULE DEER-COYOTE INTERACTIONS IN NORTH-CENTRAL COLORADO. J. Mammal. 59 (2): 422-423. 30 May 1978. WR 170
[Colo. Div. Wildl., Box 2287, Fort Collins 80522] /Odocoileus hemionus/ and /Canis latrans/.

78-003709 McAdoo, J. Kent; Klebenow, Donald A. PREDATION ON RANGE SHEEP WITH NO PREDATOR CONTROL. J. Range Manage. 31 (2): 111-114. Mar. 1978. WR 170
[Div. Renewable Nat. Resour., Univ. Nev., Reno] /Canis latrans/, /Lynx rufus/, /Ursus americanus/ and /Felis concolor/.

78-003710 Rilling, Gerald AN UNUSUAL CHEETAH KILL. East Afr. Nat. Hist. Soc. Bull. p. 12. Jan./Feb. 1978. WR 170
[P.O. Box 284, Arusha, Tanzania] /Acinonyx jubatus/ and /Oryx beisa callotis/.

78-003711 Smuts, G. L. INTERRELATIONS BETWEEN PREDATORS, PREY, AND THEIR ENVIRONMENT. BioScience 28 (5): 316-320. May 1978. WR 170
[Natl. Parks Board of Trustees, Private Bag X404, Skukuze 1350, South Africa]

MARSUPIALS

78-003712 Baudinette, R. V.; Seymour, R. S.; Orbach, J. CARDIOVASCULAR RESPONSES TO EXERCISE IN THE BRUSH-TAILED POSSUM. J. Comp. Physiol. B Biochem. Syst. Environ. Physiol. 124 (2): 143-147. 1978. WR 170
[School Biol. Sci., The Flinders Univ. South Australia, Bedford Park, South Australia] /Trichosurus vulpecula/.

78-003713 Beveridge, Ian /PROGAMOTAENIA RUFICOLA/ SP. N. (CESTODA: ANOPLOCEPHALIDAE) FROM THE RED KANGAROO, /MACROPUS RUFUS/ (MARSUPIALIA). J. Parasitol. 64 (2): 273-276. Apr. 1978. WR 170
[Dep. Tropical Veterinary Sci., James Cook Univ., Townsville 4811, Queensland, Australia]

78-003714 Brooks, D. E.; Gaughwin, M.; Mann, T. STRUCTURAL AND BIOCHEMICAL CHARACTERISTICS OF THE MALE ACCESSORY ORGANS OF REPRODUCTION IN THE HAIRY-NOSED WOMBAT (/LASIORHINUS LATIFRONS/). Proc. Roy. Soc. Lond. B Biol. Sci. 201 (1143): 191-207. 5 May 1978. WR 170
[Dep. Anim. Physiol., Waite Agric. Res. Inst., Univ. Adelaide, Glen Osmond, South Australia 5064, Australia]

78-003715 Bucher, John E.; Fritz, H. Ira BEHAVIOR AND MAINTENANCE OF THE WOOLLY OPOSSUM (/CALOMYS/) IN CAPTIVITY. Lab. Anim. Care 27 (6): 1007-1012. Dec. 1977. WR 170
[Univ. Kans., Lawrence 66045]

78-003716 Catt, D. BREEDING BIOLOGY OF BENNETT'S OR THE RED NECKED WALLABY IN SOUTH CANTERBURY. Proc. N.Z. Ecol. Soc. 23: 122-123. 1976. Abstract only. WR 170
[Dep. Zool., Univ. Canterbury, Christchurch, New Zealand] /Macropus rufogriseus fruticus/.

78-003717 Catt, D. C. THE BREEDING BIOLOGY OF BENNETT'S WALLABY (/MACROPUS RUFOGRISEUS FRUTICUS/) IN SOUTH CANTERBURY, NEW ZEALAND. N.Z. J. Zool. 4 (4): 401-411. Nov. 1977. WR 170
['The Cottage', No. 4 R.D., Springston, Christchurch, New Zealand]

78-003718 Clout, M. N. ASPECTS OF THE ECOLOGY OF POSSUMS IN PINE PLANTATIONS. Proc. N.Z. Ecol. Soc. 24: 128-129. 1977. Abstract only. WR 170
[Dep. Zool., Univ. Auckland, Auckland, New Zealand] /Trichosurus vulpecula/ in New Zealand.

78-003719 Crutcher, Keith Alan THE ORGANIZATION OF MONOAMINE NEURONS WITHIN THE BRAIN OF A GENERALIZED MARSUPIAL, /DIDELPHIS MARSUPIALIS VIRGINIANA/. Ph.D. dissertation, Ohio State Univ. 59p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):1987. Nov. 1977. WR 170

78-003720 Dawson, Terence J.; Wolfers, Jane M. METABOLISM, THERMOREGULATION AND TORPOR IN SHREW SIZED MARSUPIALS OF THE GENUS /PLANIGALE/. Comp. Biochem. Physiol. A. Comp. Physiol. 59 (3): 305-309. 1978. WR 170
[School Zool., Univ. New South Wales, Kensington 2033, New South Wales, Australia]

78-003721 Fitzgerald, Alice A PRELIMINARY ACCOUNT OF THE FOOD AND NUTRITION OF THE BRUSH-TAILED OPOSSUM. Proc. N.Z. Ecol. Soc. 24: 127. 1977. Abstract only. WR 170
[Ecol. Div., DSIR, Lower Hutt, New Zealand] /Trichosurus vulpecula/.

78-003722 Fitzgerald, A. E. THE FOOD OF THE OPOSSUM (/TRICHOSURUS VULPECULA/ KERR) IN THE ORONGORONGO VALLEY, NEAR WELLINGTON. Proc. N.Z. Ecol. Soc. 22: 109. 1975. Abstract only. WR 170
[Ecol. Div., DSIR, Lower Hutt, New Zealand]

78-003723 Fitzgerald, Alice E. NUMBER AND WEIGHT OF FAECAL PELLETS PRODUCED BY OPOSSUMS. Proc. N.Z. Ecol. Soc. 24: 76-78. 1977. WR 170
[Ecol. Div., DSIR, Lower Hutt, New Zealand] /Trichosurus vulpecula/.

78-003724 Gordon, G.; Lawrie, B. C. THE RUFESCENT BANDICOOT, /ECHYMIPERA RUFESCENS/ (PETERS & DORIA) ON CAPE YORK PENINSULA. Aust. Wildl. Res. 5 (1): 41-45. Mar. 1978. WR 170
[Natl. Parks & Wildl. Serv., Queensland, P.O. Box 81, Emerald, Queensland 4720, Australia]

78-003725 Jolly, J. N. HABITAT USE AND MOVEMENTS OF THE OPOSSUM /TRICHOSURUS VULPECULA/) IN A PASTORAL HABITAT ON BANKS PENINSULA. Proc. N.Z. Ecol. Soc. 23: 70-78. 1976. WR 170
[Protection Forestry Div., Forest Res. Inst., P.O. Box 106, Rangiora, New Zealand]

78-003726 Linauts, Martins ON THE CIRCUITRY OF THE INFERIOR OLIVARY NUCLEUS IN THE OPOSSUM, /DIDELPHIS VIRGINIANA/: I. AN AUTORADIOGRAPHIC STUDY OF MIDBRAIN-DIENCEPHALIC PROJECTIONS TO THE INFERIOR OLIVARY NUCLEUS. II. THE ORGANIZATION OF THE OLIVO-CEREBELLAR PROJECTION AS REVEALED BY RETROGRADE TRANSPORT OF HORSERADISH PEROXIDASE. Ph.D. dissertation, Ohio State Univ. 136p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3504. Feb. 1978. WR 170

78-003727 Meyer, Robert Peter CENTRAL CONNECTIONS OF THE OLFACTORY BULB IN THE OPOSSUM (/DIDELPHYS MARSUPIALIS VIRGINIANA/ KERR). Ph.D. dissertation, Temple Univ. 117p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(4):1500. Oct. 1977. WR 170

78-003728 Nicol, S. C. NON-SHIVERING THERMOGENESIS IN THE POTOROO, /POTOROUS TRIDACTYLUS/ (KERR). Comp. Biochem. Physiol. C Comp. Pharmacol. 59 (1): 33-37. 1978. WR 170
[Dep. Physiol., Univ. Tasmania, Hobart 7001, Tasmania, Australia]

78-003729 Purchas, T. P. G. AUTUMN FOOD OF THE BRUSH-TAILED OPOSSUM, (/TRICHOSURUS VULPECULA/ [KERR]), IN THE OTARI RESERVE, WELLINGTON. Proc. N.Z. Ecol. Soc. 22: 25-27. 1975. WR 170
[Ecol. Div., DSIR, Lower Hutt, New Zealand]

78-003730 Whitaker, John O., Jr.; Jones, Gwilym S.; Goff, Rebecca J. ECTOPARASITES AND FOOD HABITS OF THE OPOSSUM, /DIDELPHIS VIRGINIANA/, IN INDIANA. Proc. Indiana Acad. Sci. 86: 501-507. 1977. WR 170
[Ind. State Univ., Terre Haute 47809]

MOLES, SHREWS, OTHER INSECTIVORES

78-003731 Campbell, P. A. FEEDING RHYTHMS OF CAGED HEDGEHOGS (/ERINACEUS EUROPAEUS/ L.). Proc. N.Z. Ecol. Soc. 22: 14-18. 1975. WR 170
[Lincoln Coll., Canterbury, New Zealand]

78-003732 Dean, W. R. J. NEW LOCALITY RECORDS FOR /CROCIDURA MARIQUENSIS/. Zool. Afr. 12 (2): 507. 1977. WR 170
[barberspan Ornithol. Res. Stn., P.O. Barberspan 2765, South Africa]

78-003733 Ellis, L. Scott; Diersing, Victor E.; Hoffmeister, Donald F. TAXONOMIC STATUS OF SHORT-TAILED SHREWS (/BLARINA/) IN ILLINOIS. J. Mammal. 59 (2): 305-311. 30 May 1978. WR 170
[Mus. Nat. Hist., Univ. Ill., Urbana-Champaign 61801] /Blarina brevicauda brevicauda/, /B. brevicauda kirtlandi/ and /B. carolinensis carolinensis/.

78-003734 French, Thomas FIRST RECORD OF THE MASKED SHREW IN WESTERN KENTUCKY. Trans. Ky. Acad. Sci. 39 (1-2): 78-79. Mar. 1978. WR 170
[Dep. Life Sci., Ind. State Univ., Terre Haute 47809] /Sorex cinereus/.

78-003735 Ganchrow, Judith R.; Ganchrow, Donald WINTER WEIGHT AND WATER INTAKE FLUCTUATIONS OF HEDGEHOGS (/ERINACEUS EUROPAEUS/) UNDER LABORATORY CONDITIONS. Lab. Anim. Sci. 28 (2): 213-214. Apr. 1978. WR 170
[Hebrew Univ.-Hadassah School Dental Med., Jerusalem, Israel]

78-003736 Gebczynski, Marek BODY TEMPERATURE IN FIVE SPECIES OF SHREWS. Acta Theriol. 22 (35): 521-530. Dec. 1977. In English with Polish summ. WR 170
[Mammals Res. Inst., Polish Acad. Sci., 17-230 Bialowieza, Poland] /Sorex minutus/, /S. caecutiens/, /S. araneus/, /Neomys anomalus/ and /N. fodiens/.

78-003737 Hartz, R. W.; Sells, G. D.; Mock, O. B. OXYGEN CONSUMPTION RATES OF THE LEAST SHREW, /CRYPTOTIS PARVA/. Trans. Mo. Acad. Sci. 10 & 11: 236-237. 1977. Abstract only. WR 170
[Biol., Northeast Mo. State Univ., Kirksville]

78-003738 Lindstedt, Stan Lee PHYSIOLOGICAL ECOLOGY OF THE SMALLEST DESERT MAMMAL, /NOTIOSOREX CRAWFORDI/. Ph.D. dissertation, Univ. Ariz. 76p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(6):2572. Dec. 1977. WR 170

78-003739 Medina, F. I. S.; Leonard, A. OBSERVATIONS SUR LES CHROMOSOMES DE /SUNCUS LUZONIENSIS/ PETERS. [OBSERVATION ON THE CHROMOSOMES OF /SUNCUS LUZONIENSIS/.] Acta Zool. Pathol. Antverpiensia no. 69. p. 183-188. Dec. 1977. In French with Dutch, German and English summ. WR 170

78-003740 Mock, O. B.; Black, J. d. OBSERVATIONS ON THE ECOLOGY OF THE ASIAN HOUSE SHREW, /SUNCUS MURINUS/, IN CENTRAL LUZON, PHILIPPINES. Trans. Mo. Acad. Sci. 10 & 11: 238. 1977. Abstract only. WR 170
[Biol., Northeast Mo. State Univ., Kirksville]

78-003741 Purwar, R. S. [STUDIES ON THE INNERVATION OF BLOOD VESSELS IN THE TONGUE OF THE INDIAN MUSK SHREW (/SUNCUS MURINUS/).] Zool. Zh. 57 (4): 622-625. Apr. 1978. In Russian with English summ. WR 170
[Dep. Zool., Government Coll., Jhabua, India]

78-003742 Puttick, Gillian M.; Jarvis, Jennifer U. M. THE FUNCTIONAL ANATOMY OF THE NECK AND FORELIMBS OF THE CAPE GOLDEN MOLE, /CHRYSOCHLORIS ASIATICA/ (LIPOTYPHLA: CHRYSOCHLORIDAE). Zool. Afr. 12 (2): 445-458. 1977. WR 170
[Zool. Dep., Univ. Cape Town, Rondebosch, South Africa]

78-003743 Racey, P. A. SEASONAL CHANGES IN TESTOSTERONE LEVELS AND ANDROGEN-DEPENDENT ORGANS IN MALE MOLES (/TALPA EUROPAEA/). J. Reprod. Fert. 52 (2): 195-200. Mar. 1978. WR 170
[Dep. Zool., Univ. Aberdeen, Aberdeen AB9 2TN, Scotland]

78-003744 Rust, Aileen K. ACTIVITY RHYTHMS IN THE SHREWS, /SOREX SINUOSUS/ GRINNELL AND /SOREX TROWBRIDGII/ BAIRD. Am. Midl. Nat. 99 (2): 369-382. Apr. 1978. WR 170
[Dep. Zool., Univ. Calif., Davis 95616]

78-003745 Suzuki, Fumie; Racey, P. A. THE ORGANIZATION OF TESTICULAR INTERSTITIAL TISSUE AND CHANGES IN THE FINE STRUCTURE OF THE LEYDIG CELLS OF EUROPEAN MOLES (/TALPA EUROPAEA/) THROUGHOUT THE YEAR. J. Reprod. Fert. 52 (2): 189-194. Mar. 1978. WR 170
[Dep. Anatomy, School of Medicine, Chiba Univ., Chiba 280, Japan]

78-003746 Terry, Carol J. FOOD HABITS OF THREE SYMPATRIC SPECIES OF INSECTIVORA IN WESTERN WASHINGTON. Can. Field-Nat. 92 (1): 38-44. Jan.-Mar. 1978. WR 170
[Univ. Kans., Lawrence 66045] /Sorex vagrans vagrans/, /S. trowbridgii trowbridgii/ and /Neurotrichus gibbsi minor/.

78-003747 Vickery, W. L.; Bider, J. R. THE EFFECT OF WEATHER ON /SOREX CINEREUS/ ACTIVITY. Can. J. Zool. 56 (2): 291-297. Feb. 1978. In English with French summ. WR 170
[Dep. Zool., Univ. Western Ontario, London, Ontario, Canada N6A 5B7]

78-003748 Woods, J. A.; Mead-Briggs, A. R. THE DAILY CYCLE OF ACTIVITY IN THE MOLE (/TALPA EUROPAEA/) AND ITS SEASONAL CHANGES, AS REVEALED BY RADIOACTIVE MONITORING OF THE NEST. J. Zool. (Lond.) 184 (4): 563-572. Apr. 1978. WR 170
[Minist. Agric. Fish & Food, Agric. Development & Advisory Serv., The Lindens, Spa Rd., Llandrindod Wells, Powys, LD1 5HA, Wales]

BATS

78-003749 Baker, Robert J.; Jones, J. Knox, Jr.; Carter, Dilford C., editors BIOLOGY OF BATS OF THE NEW WORLD FAMILY PHYLLOSTOMATIDAE. PART II. Spec. Publ. Mus. Tex. Tech Univ. no. 13. 364p. June 1977. Available at $16.00 from the Exchange Librarian, Texas Tech Univ., Lubbock 79409. WR 170

Contents:

Endoparasites--John E. Ubelaker, Robert D. Specian and Donald W. Duszynski. Ectoparasites--James P. Webb, Jr. and Richards B. Loomis. Oral Biology--Carleton J. Phillips, Gary W. Grimes and G. Lawrence Forman. Echolocation and Communication--Edwin Gould. Thermoregulation--John J. McManus. Feeding Habits--Alfred L. Gardner. Movements and Behavior--M. Brock Fenton and Thomas H. Kunz.

78-003750 Baranga, Jonathan SPLENIC WEIGHTS AND THEIR POSSIBLE RELATIONSHIP TO ADRENOCORTICAL FUNCTION IN A WILD POPULATION OF /ROUSETTUS AEGYPTIACUS/ E. GEOFFROY. East Afr. Wildl. J. 16 (1): 49-58. Mar. 1978. WR 170

[Dep. Zool., Makerere Univ., Box 7062, Kampala, Uganda]

78-003751 Barbee, R. Wayne; Fugler, Charles M. VARIATION IN THREE SPECIES OF THE CHIROPTERAN GENUS /CAROLLIA/ OF NORTHWESTERN AMAZONIA. J. Elisha Mitchell Sci. Soc. 93 (2): 101. 1977. Abstract only. WR 170

78-003752 Bhattacharyya, T. P. OCCURRENCE OF INDIAN PIPISTRELLE, /PIPISTRELLUS COROMANDRA/ (GRAY) [MAMMALIA: CHIROPTERA: VESPERTILIONIDAE] IN CAR NICOBAR, ANDAMAN AND NICOBAR ISLANDS. J. Bombay Nat. Hist. Soc. 73 (3): 516. Dec. 1976. WR 170

[Zool. Surv. India, 8 Lindsay St., Calcutta 700 016, India]

78-003753 Cadena, A. Alberto A SYSTEMATIC STUDY OF VAMPIRE BATS, DESMODINAE (PHYLLOSTOMATIDAE, CHIROPTERA/). Ph.D. dissertation, Univ. Kans. 192p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(7):3079. Jan. 1978. WR 170

78-003754 Cartwright, Anne M.; Kirkpatrick, Ralph D. A RANGE EXTENSION OF /PEROPTERYX KAPPLERI/ (FAMILY EMBALLONURIDAE) IN CENTRAL AMERICA. Proc. Indiana Acad. Sci. 86: 466. 1977. WR 170

[Biol. Dep., Ball State Univ., Muncie, Ind. 47306] First record for Belize.

78-003755 Cartwright, Anne McKnight Furnish PATTERNS OF NEOTROPICAL CHIROPTERAN REPRODUCTION INCLUDING HISTOLOGICAL AND ECOLOGICAL ASPECTS OF BATS COLLECTED IN BELIZE. Ph.D. dissertation, Ball State Univ. 278p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(10):4680. Apr. 1978. WR 170

78-003756 Chakraborty, S. TAXONOMIC STUDIES ON THE GREATER HORSESHOE BAT, /RHINOLOPHUS FERRUMEQUINUM/ (SCHREBER) [CHIROPTERA: RHINOLOPHIDAE]. J. Bombay Nat. Hist. Soc. 74 (2): 341-343. Aug. 1977. WR 170
[Zool. Surv India, 8 Lindsay St., Calcutta 700 016, India]

78-003757 Elder, William H.; Gunier, Wilbur J. SEX RATIOS AND SEASONAL MOVEMENTS OF GRAY BATS (/MYOTIS GRISESCENS/) IN SOUTHWESTERN MISSOURI AND ADJACENT STATES. Am. Midl. Nat. 99 (2): 463-472. Apr. 1978. WR 170
[School Forestry, Fisheries & Wildl., Univ. Mo., Columbia 65201]

78-003758 Foster, Garry W.; Humphrey, Stephen R.; Humphrey, Pamela P. SURVIVAL RATE OF YOUNG SOUTHEASTERN BROWN BATS, /MYOTIS AUSTRORIPARIUS/, IN FLORIDA. J. Mammal. 59 (2): 299-304. 30 May 1978. WR 170
[Coll. Veterinary Med., Univ. Fla., Gainesville 32610]

78-003759 Geluso, Kenneth N. URINE CONCENTRATING ABILITY AND RENAL STRUCTURE OF INSECTIVOROUS BATS. J. Mammal. 59 (2): 312-323. 30 May 1978. WR 170
[Dep. Biol., Univ. Nebr., Box 688, Omaha 68101] Data for 11 spp. in New Mexico.

78-003760 Goff, M. L.; Brennan, J. M. A NEW SPECIES OF /BEAMERELLA/ (ACARI: TROMBICULIDAE) FROM THE LEAF-CHINNED BAT, /MORMOOPS MEGALOPHYLLA/, IN COLOMBIA. J. Med. Entomol. 14 (5): 534-535. 10 Feb. 1978. WR 170
[Entomol. Dep., Univ. Hawaii, Honolulu 96822]

78-003761 Gopalakrishna, A.; Rao, K. V. B. BREEDING HABITS AND ASSOCIATED PHENOMENA IN SOME INDIAN BATS. PART II--/RHINOLOPHUS ROUXI/ (TEMMINCK)--RHINOLOPHIDAE. J. Bombay Nat. Hist. Soc. 74 (2): 213-219. Aug. 1977. WR 170
[Dep. Zool., Inst. Sci., Nagpur, India]

78-003762 Gopalakrishna, A.; Khaparde, M. S.; Sapkal, V. M. PARTURITION IN THE INDIAN FALSE VAMPIRE BAT, /MEGADERMA LYRA LYRA/ GEOFFROY. J. Bombay Nat. Hist. Soc. 73 (3): 464-467. Dec. 1976. WR 170
[Dep. Zool., Inst. Sci., Nagpur, India]

78-003763 Griffiths, Thomas A. MUSCULAR AND VASCULAR ADAPTATIONS FOR NECTAR-FEEDING IN THE GLOSSOPHAGINE BATS /MONOPHYLLUS/ AND /GLOSSOPHAGA/. J. Mammal. 59 (2): 414-418. 30 May 1978. WR 170
[Dep. Biol. Sci., State Univ. N.Y., Plattsburgh 12901]

78-003764 Guterman, Leslie Ruth Brown ADAPTATIONS OF THE POSTERIOR COLLICULUS AND CEREBELLUM OF THE BAT, /PTERONOTUS PARNELLII/, FOR BIOSONAR. Ph.D. dissertation, Yale Univ. 248p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(6):2483. Dec. 1977. WR 170

78-003765 Harvey, Michael J. STATUS OF THE ENDANGERED BIG-EARED BAT, /PLECOTUS TOWNSENDII VIRGINIANUS/, IN KENTUCKY. J. Tenn. Acad. Sci. 53 (2): 73. Apr. 1978. Abstract only. WR 170
[Memphis State Univ., Memphis, Tenn.]

78-003766 Hill, J. E. FURTHER RECORDS OF /MYOTIS PESHWA/ (THOMAS 1915) (CHIROPTERA: VESPERTILIONIDAE) FROM THE INDIAN PENINSULA. J. Bombay Nat. Hist. Soc. 73 (3): 433-437. Dec. 1976. WR 170
[British Mus. (Nat. Hist.), Cromwell Rd., London SW7 5BD, England]

78-003767 Jen, P. H.-S.; Ostwald, J.; Suga, N. ELECTROPHYSIOLOGICAL PROPERTIES OF THE ACOUSTIC MIDDLE EAR AND LARYNGEAL MUSCLE REFLEXES IN THE AWAKE ECHOLOCATING FM-BATS, /MYOTIS LUCIFUGUS/. J. Comp. Physiol. A Sens. Neural Behav. Physiol. 124 (1): 61-73. 17 Mar. 1978. WR 170
[Div. Biol. Sci., Univ. Mo., Columbia 65201]

78-003768 Jones, J. Knox, Jr. NOTE ON THE DISTRIBUTION OF /MYOTIS LEIBII/ (MAMMALIA: CHIROPTERA) IN NEBRASKA. Trans. Kans. Acad. Sci. 78 (1&2): 89. 1975. WR 170
[Mus., Tex. Tech Univ., Lubbock 79409]

78-003769 Kagei, Noboru; Sawada, Isamu HELMINTH FAUNA OF BATS IN JAPAN XVIII. Annot. Zool. Jpn. 50 (4): 245-248. Dec. 1977. WR 170
[Dep. Parasitol., Inst. Public Health, Tokyo 108, Japan] Abstract: A new species of spiroid nematode, /Rictularia rhinolophi/ n. sp., was isolated from the common horseshoe-bat, /Rhinolophus ferrumequinum/, collected in Jigoku-gokuraku-domon at Kasumi-cho, Hyogo Prefecture.

78-003770 Koopman, Karl F.; Mumford, Russell E.; Heisterberg, Jon F. BAT RECORDS FROM UPPER VOLTA, WEST AFRICA. Am. Mus. Novit. no. 2643. p. 1-6. 1 Feb. 1978. Price 70 cents. WR 170
[Dep. Mammal., Am. Mus. Nat. Hist., New York, N.Y. 10024] Data for 27 spp.

78-003771 Lal, J. P. OCCURRENCE OF THE LARGE-EARED HORSESHOE BAT, /RHINOLOPHUS MACROTIS MACROTIS/ BLYTH [MAMMALIA: CHIROPTERA: RHINOLOPHIDAE] IN CHERRAPUNJI, MEGHALAYA. J. Bombay Nat. Hist. Soc. 74 (2): 343-344. Aug. 1977. WR 170
[Zool. Surv. India, 8 Lindsay St., Calcutta 16, India]

78-003772 Makarevich, A. S. [DEVELOPMENT OF VOCALIZATION AT EARLY ONTOGENESIS IN /NYCTALUS NOCTULA/.] Biol. Nauki (Mosc.) 1978 (3): 55-59. Mar. 1978. In Russian. WR 170

78-003773 Manabe, Toshiki; Suga, Nobuo; Ostwald, Joachim AURAL REPRESENTATION IN THE DOPPLER-SHIFTED-CF PROCESSING AREA OF THE AUDITORY CORTEX OF THE MUSTACHE BAT. Science 200 (4339): 339-342. 21 Apr. 1978. WR 170
[Dep. Otolaryngology, Yokohoma City Univ., Yokohoma, Japan] /Pteronotus parnellii rubiginosus/.

78-003774 Morton, David STUDIES ON THE HISTOCHEMISTRY, ULTRASTRUCTURE AND PHYSIOLOGICAL SIGNIFICANCE OF IRON PIGMENTS IN THE GASTROINTESTINAL TRACT OF THE VAMPIRE BAT. Ph.D. dissertation, Cornell Univ. 224p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9): 4110. Mar. 1978. WR 170
/Desmodus rotundus/.

78-003775 Nellis, David W.; Ehle, Carolyn P. OBSERVATIONS ON THE BEHAVIOR OF /BRACHYPHYLLA CAVERNARUM/ (CHIROPTERA) IN VIRGIN ISLANDS. Mammalia 41 (4): 403-409. 1977. In English with French summ. WR 170
[Virgin Islands Dep. Conserv. & Cultural Affairs, St. Thomas, U.S. Virgin Islands]

78-003776 Obara, Yoshitaka; Tomiyasu, Takafumi; Saitoh, Kazuo CHROMOSOME STUDIES IN THE JAPANESE VESPERTILIONID BATS: I. KARYOTYPIC VARIATIONS IN /MYOTIS MACRODACTYLUS/ TEMMINCK. Jpn. J. Genet. 51 (3) : 201-206. June 1976. WR 170
[Dep. Biol., Hirosaki Univ., Hirosaki 036, Japan]

78-003777 O'Shea, Thomas Joseph ASPECTS OF SOCIAL ORGANIZATION, BEHAVIOR, AND ECOLOGY IN A KENYA POPULATION OF THE BAT /PIPISTRELLUS NANUS/ (CHIROPTERA: VESPERTILIONIDAE). Ph.D. dissertation, Northern Ariz. Univ. 236p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8): 3589. Feb. 1978. WR 170

78-003778 Saoud, M. F. A.; Ramadon, M. M. STUDIES ON TREMATODES OF THE GENUS /LECITHODENDRIUM/ LOOSS, 1896 FROM SOME EGYPTIAN BATS, WITH A DESCRIPTION OF TWO NEW SPECIES. J. Helminthol. 50 (4): 281-285. Dec. 1976. WR 170
[P.O. Box 2713 Doha, Qatar, Arab Gulf] /Rhinopoma harwickei cystops/, /Taphozous nudiventris nudiventris/ and /Asellia tridens tridens/.

78-003779 Schowalter, David B.; Harder, Lawrence D.; Treichel, Bruce H. AGE COMPOSITION OF SOME VESPERTILIONID BATS AS DETERMINED BY DENTAL ANNULI. Can. J. Zool. 56 (2): 355-358. Feb. 1978. In English with French summ. WR 170
[Dep. Recreation, Parks & Wildl., 6909-116 St., Edmonton, Alberta, Canada T6H 4P2] /Eptesicus fuscus/, /Lasionycteris noctivagans/, /Myotis lucifugus/, /M. californicus/, /Lasiurus cinereus/ and /L. borealis/.

78-003780 Schowalter, David B.; Dorward, Wm. J. SOME WESTERN CANADIAN BAT RECORDS. Blue Jay 36 (1): 49-50. Mar. 1978. WR 170
[Alberta Fish & Wildl. Div. 6909-116 St., Edmonton, Alberta T6H 4P2, Canada]

78-003781 Sealy, Spencer G. LITTER SIZE AND NURSERY SITES OF THE HOARY BAT NEAR DELTA, MANITOBA. Blue Jay 36 (1): 51-52. Mar. 1978. WR 170
[Dep. Zool., Univ. Manitoba, Winnipeg, Manitoba R3T 2N2, Canada] /Lasiurus cinereus/.

78-003782 Swenson, Jon E.; Bent, John C. THE BATS OF YELLOWSTONE COUNTY, SOUTHCENTRAL MONTANA. Proc. Mont. Acad. Sci. 37: 82-84. 1978. WR 170
[Box 86, Shepherd, Mont. 59079]

78-003783 Vaughan, T. C.; Cockrum, E. L.; Vaughan, P. J. FOUR VESPERTILIONID BATS NEW TO THE FAUNA OF TUNISIA. Mammalia 41 (4): 517-522. 1977. In English with French summ. WR 170
[Dep. Ecol. & Evolutionary Biol., Univ. Ariz., Tucson 85721] /Myotis emarginatus/, /M. capaccinni/, /Pipistrellus pipistrellus/ and /P. savii/.

78-003784 Vaughan, Terry A. FORAGING BEHAVIOUR OF THE GIANT LEAF-NOSED BAT (/HIPPOSIDEROS COMMERSONI/). East Afr. Wildl. J. 15 (4): 237-249. Dec. 1977. In English with French summ. WR 170
[Dep. Biol. Sci., Northern Ariz. Univ., Box 5640, Flagstaff 86001]

78-003785 Wahlstrom, Bo A. IONIC CONTENT AND IONIC FLUXES IN THE SMOOTH MUSCLE OF THE METACARPAL VEIN OF THE FLYING-FOX, /PTEROPUS GIGANTEUS/. Comp. Biqchem. Physiol. A Comp. Physiol. 59 (1): 21-26. 1978. WR 170
[Toxicol. Lab., Natl. Food Administration, Box 622, S-751 26 Uppsala, Sweden]

78-003786 Wisely, Allen N. BAT DIES ON BARBED WIRE FENCE. Blue Jay 36 (1): 53. Mar. 1978. WR 170
[34 Fairfax Crescent, St. Albert, Alberta T8N 1Y1, Canada] /Lasiurus cinereus/ in Canada.

RABBITS & PIKAS

78-003787 Bell, J. BREEDING SEASON AND FERTILITY OF THE WILD RABBIT, /ORYCTOLAGUS CUNICULUS/ (L) IN NORTH CANTERBURY, NEW ZEALAND. Proc. N.Z. Ecol. Soc. 24: 79-83. 1977. WR 170
[Res. Div., Minist. Agric. & Fisheries, P.O Box 31-011, Christchurch, New Zealand]

78-003788 Chakraborty, S. /LEPUS ARABICUS/ EHRENBERG FROM JAMMU AND KASHMIR: ADDITION TO THE MAMMALIAN FAUNA OF INDIA. J. Bombay Nat. Hist. Soc. 74 (2): 345-346. Aug. 1977. WR 170
[Zool. Surv. India, 8 Lindsay St., Calcutta 700 016, India]

78-003789 Frylestam, B.; Schantz, T. von AGE DETERMINATION OF EUROPEAN HARES BASED ON PERIOSTEAL GROWTH LINES. Mammal Rev. 7 (3/4) : 151-154. Sept./Dec. 1977. WR 170
[Dep. Anim. Ecol., Univ. Lund, 22362 Lund, Sweden] /Lepus europaeus/.

78-003790 Gagnot, G.; Yardin, M.; Delevaux, F.; Hernanie, Ch. SUR LE DEVELOPPEMENT MUSCULO-APONEVROTIQUE DU MUSCLE MASSETER DU LAPIN (/ORYCTOLAGUS CUNICULUS/). [ON THE DEVELOPMENT OF THE MASSETER MUSCLE IN /ORYCTOLAGUS CUNICULUS/.] Mammalia 41 (4): 529-536. 1977. In French with English summ. WR 170
[Cent. Recherche Parodontale, 2 place Pasteur, 35000 Rennes, France]

78-003791 Graves, Garth N.; Bennett, William C.; Wheeler, John R.; Miller, Bryan E.; Porcum, Donald L. SYLVATIC PLAGUE STUDIES IN SOUTHEAST NEW MEXICO. II. RELATIONSHIPS OF THE DESERT COTTONTAIL AND ITS FLEAS. J. Med. Entomol. 14 (5): 511-522. 10 Feb. 1978. WR 170
[N. Mex. Environ. Improvement Agency, P.O. Box 2348, Santa Fe 87503] /Sylvilagus audubonii/.

78-003792 Green, Brian; Dunsmore, Jon; Bults, Harold; Newgrain, Keith TURNOVER OF SODIUM AND WATER BY FREE-LIVING RABBITS, /ORYCTOLAGUS CUNICULUS/. Aust. Wildl. Res. 5 (1): 93-99. Mar. 1978. WR 170
[Div. Wildl. Res., CSIRO, Box 84, Lyneham, A.C.T. 2602, Australia]

78-003793 Keith, Lloyd B.; Windberg, Lamar A. A DEMOGRAPHIC ANALYSIS OF THE SNOWSHOE HARE CYCLE. Wildl. Monogr. no. 58. 70p. Apr. 1978. Available at $2.65 from Executive Director, Wildlife Society, Suite 611, 7101 Wisconsin Ave., N.W., Washington, D.C. 20014. WR 170
[Dep. Wildl. Ecol., Univ. Wis., Madison 53706] /Lepus americanus/ in Canada.

78-003794 Korte, Paul A.; Fredrickson, Leigh H. SWAMP RABBIT DISTRIBUTION IN MISSOURI. Trans. Mo. Acad. Sci. 10 & 11: 72-77. 1977. WR 170
[Gaylord Memorial Lab., School Forestry, Fisheries & Wildl., Univ. Mo.-Columbia, Puxico 63960] /Sylvilagus aquaticus/.

78-003795 Oliver, A. J.; Wheeler, S. H. THE TOXICITY OF THE ANTICOAGULANT PINDONE TO THE EUROPEAN RABBIT, /ORYCTOLAGUS CUNICULUS/, AND THE SHEEP, /OVIS ARIES/. Aust. Wildl. Res. 5 (1): 135-142. Mar. 1978. WR 170
[Agric. Protection Board of Western Australia, Jarrah Rd., South Perth, Western Australia 6151, Australia] Abstract: This paper reports the first stages of the Development of a bait, poisonous for rabbits, which may be used in the presence of domestic stock. The toxicity of the anticoagulant pindone (2-pivalyl-1,3-indandione) to sheep and rabbits was investigated. The difference in toxicity and

78-003795 CONTINUED
acceptability to the two species is sufficiently large to warrant further development of a selective bait using pindone.

78-003796 Orr, Craig D. DETERMINATION OF HABITAT PREFERENCES AND POPULATION TRENDS OF THE SNOWSHOE HARE IN NOVA SCOTIA. M.S. thesis, Acadia Univ. 78p. 1977. WR 170
[MacLaren Atlantic Ltd., 1000 Windmill Rd., Dartmouth, Nova Scotia B3B 1L7, Canada] /Lepus americanus/.

78-003797 Smith, Murray Cameron STUDIES OF SEASONAL AVAILABILITY OF ELECTROLYTES ON ADRENAL PHYSIOLOGY OF A WILD POPULATION OF SNOWSHOE HARES. Ph.D. disseration, Univ. Guelph 1977. From Diss. Abstr. Int. B Sci. Eng. 38(10):4683. Apr. 1978. WR 170
/Lepus americanus/.

78-003798 Stavy, Maya; Terkel, J.; Marder, U. ARTIFICIAL INSEMINATION IN THE EUROPEAN HARE (/LEPUS EUROPAEUS SYRIACUS/). Lab. Anim. Sci. 28 (2): 163-166. Apr. 1978. WR 170
[Dep. Zool., Tel-Aviv Univ., Tel-Aviv, Israel]

78-003799 Toyoshima, Jyuzo [THE STUDY ON THE FOREST DAMAGE BY THE HARES AND THEIR POPULATION ESTIMATE.] Mem. Fac. Agric. Niigata Univ. no. 15. p. 1-82. Feb. 1978. In Japanese with English summ. WR 170
/Lepus brachyurus angustidens/ and /L. b. lyoni/ in Japan.

78-003800 Wesson, James A. III; Scanlon, Patrick F.; Kirkpatrick, Roy L.; Mosby, Henry S. INFLUENCE OF IMMOBILIZING DRUGS ON BLOOD CHARACTERISTICS OF COTTONTAIL RABBITS. Va. J. Sci. 28 (2): 69. 1977. Abstract only. WR 170
[Va. Polytech. Inst. & State Univ., Blacksburg 24061] /Sylvilagus floridanus/.

78-003801 Wheeler, S. H.; Oliver, A. J. THE EFFECT OF RAINFALL AND MOISTURE ON THE 1080 AND PINDONE CONTENT OF VACUUM-IMPREGNATED OATS USED FOR CONTROL OF RABBITS, /ORYCTOLAGUS CUNICULUS/. Aust. Wildl. Res. 5 (1): 143-149. Mar. 1978. WR 170
[Agricultural Protection Board of Western Australia, Jarrah Rd., South Perth, Western Australia 6151, Australia] Abstract: The effects of rainfall, dew and soil moisture on the losses of pindone (2-pivalyl-1,3-indandione) and 1080 (sodium monofluoroacetate) from vacuum-impregnated oat grains used for rabbit control are described. 1080 is lost much faster than pindone. The practical significance of these results is discussed.

78-003802 Williams, J. Morgan A POSSIBLE BASIS FOR ECONOMIC RABBIT CONTROL. Proc. N.Z. Ecol. Soc. 24: 132-135. 1977. WR 170
[Res. Div., Minist. Agric. & Fisheries, P.O. Box 31-011, Christchurch, New Zealand] /Oryctolagus cuniculus/.

78-003803 Wolff, Jerry O. HABITAT UTILIZATION OF SNOWSHOE HARES (/LEPUS AMERICANUS/) IN INTERIOR ALASKA. Ph.D. dissertation, Univ. Calif. (Berkeley) 155p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3592. Feb. 1978. WR 170

RODENTS--GENERAL

78-003804 Andersson, M.; Erlinge, S. INFLUENCE OF PREDATION ON RODENT POPULATIONS. Oikos 29 (3): 591-597. 1977. In English with Russian summ. WR 170
[Zool. Inst., Univ. Gothenburg, P.O. Box S-400 33 Gothenburg 33, Sweden]

78-003805 Burns, John Thomas REGULATION OF MAMMALIAN HIBERNATION. Ph.D. dissertation, La. State Univ. 83p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(7):3078. Jan. 1978. WR 170
/Citellus tridecemlineatus/ and /Mesocricetus auratus/.

78-003806 Connors, John Michael EFFECTS OF SIMULATED HIGH ALTITUDE ON THE MYOCARDIAL ANOXIC RESISTANCE AND THYROID FUNCTION OF THE RAT AND THE THIRTEEN-LINED GROUND SQUIRREL. Ph.D. dissertation, Univ. Ill./Med. Cent. 154p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(10):4661. Apr. 1978. WR 170
/Rattus norvegicus/ and /Spermophilus tridecemlineatus/.

78-003807 Kamm, Kristine Elizabeth TEMPERATURE EFFECTS ON ION TRANSPORT IN AORTIC SMOOTH MUSCLE FROM THE RAT AND A HIBERNATOR, THE GROUND SQUIRREL. Ph.D. dissertation, Univ. Mo. 156p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3569. Feb. 1978. WR 170

78-003808 Fischer, Carl Edward THE EFFECTS OF LIGHT AND TEMPERATURE ON THE ACTIVITIES AND PHASING OF SMALL WILD MAMMALS (/PEROMYSCUS POLIONOTUS/) (/EUTAMIAS MINIMUS/) (/TAMIAS STRIATUS/) (/AMMOSPERMOPHILUS LEUCURUS/). Ph.D. dissertation, Univ. Calif. (Los Angeles) 84p. 1975. From Diss. Abstr. Int. B Sci. Eng. 38(10):4623. Apr. 1978. WR 170

78-003809 Schreiber, R. Kent PALEOECOLOGY OF DESERT VEGETATION AND RODENTS IN THE GREAT BASIN. Biologist 60 (1): 19-33. Feb. 1978. WR 170
[U.S. Fish & Wildl. Serv., Natl. Power Plant Team, 1451 Green Rd., Ann Arbor, Mich. 481051

78-003810 Stenseth, N. C. ON THE IMPORTANCE OF SPATIO-TEMPERAL HETEROGENEITY FOR THE POPULATION DYNAMICS OF RODENTS: TOWARDS A THERORETICAL FOUNDATION OF RODENT CONTROL. Oikos 29 (3): 545-552. 1977. In English with Russian summ. WR 170
[Zool. Inst., Univ. Oslo, P.O. Box 1050, Blindern, Oslo 3, Norway]

78-003811 Stenseth, Nils Chr. DEMOGRAPHIC STRATEGIES IN FLUCTUATING POPULATIONS OF SMALL RODENTS. Oecologia (Berl.) 33 (2): 149-172. 21 Mar. 1978. WR 170
[Zool. Inst., Univ. Oslo., P.O. Box 1050, Blindern, Oslo 3, Norway]

78-003812 Volkov, V. I.; Chernykh, P. A. [AN ECOLOGIC-FAUNISTIC ESSAY OF RODENTS IN THE AMUR RIVER TERRITORY.] Zool. Zh. 57 (3): 432-441. Mar. 1978. In Russian with English summ. WR 170
[Res. Inst. Epidemiol. & Microbiol., Khabarovsk, USSR] Data for 20 spp.

SCIURIDS

78-003813 Albert, Thomas F.; Panuska, J. A. REGIONAL HETEROTHERMY AND CARDIOVASCULAR RESPONSES DURING INDUCED HYPOTHERMIA IN NON-HIBERNATED AND HIBERNATED WOODCHUCKS, /MARMOTA MONAX/. Comp. Biochem. Physiol. A Comp. Physiol. 60 (1): 1-6. 1978. WR 170
[Dep. Veterinary Sci., Univ. Md., College Park 20742]

78-003814 Allan, Thomas A. UNUSUAL MORTALITY OF A RED SQUIRREL IN A BLUEBIRD HOUSE. Jack-Pine Warbler 56 (1): 45-46. Mar. 1978. WR 170
[Dep. Forestry, Mich. Technol. Univ., Houghton 49931] /Tamiasciurus hudsonicus/.

78-003815 Aloia, R. C. PHOSPHOLIPID COMPOSITION OF HIBERNATING GROUND SQUIRREL (/CITELLUS LATERALIS/) KIDNEY AND LOW-TEMPERATURE MEMBRANE FUNCTION. Comp. Biochem. Physiol. B Comp. Biochem. 60 (1): 19-26. 1978. WR 170
[Dep. Anesthesiology, Loma Linda Univ., Loma Linda, Calif. 92354]

78-003816 Balcer, Josefine Petranella COMPARATIVE THERMOREGULATORY PHYSIOLOGY OF THREE MEMBERS OF THE FAMILY /SCIURIDAE/. Ph.D. dissertation, Univ. Calif. (Santa Barbara) 178p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(11):5140. May 1978. WR 170
The golden-mantled ground squirrel (/Spermophilus lateralis/), the round-tailed ground squirrel (/Spermophilus tereticaudus/) and the white-tailed ground squirrel (/Ammospermophilus leucurus/) are small, diurnal rodents which face a variety of thermal extremes ranging from cold montane to hot xeric desert habitats.--From abstr.

78-003817 Bintz, Gary L.; Roesbery, Holly W. EVAPORATIVE WATER LOSS BY CONTROL AND STARVED LABORATORY RATS AND /SPERMOPHILUS RICHARDSONI/. Comp. Biochem. Physiol. A Comp. Physiol. 59 (3): 275-278. 1978. WR 170
[Dep. Biol. Sci., Eastern Mont. Coll., Billings 59101]

78-003818 Black, Jeffrey Howard; Hunsicker, Ruth; Blair, Albert P.; Hunkapeller, Tim THE EASTERN CHIPMUNK IN CENTRAL OKLAHOMA, WITH VALIDATION OF HOWELL'S 1929 RED FORK RECORD. Proc. Okla. Acad. Sci. 57: 163-164. 1977. WR 170
[Dep. Biol., Okla. Baptist Univ., Shawnee] /Tamias striatus/.

78-003819 Bland, Mary Ellen Anderson DAILY AND SEASONAL ACTIVITY PATTERNS IN THE EASTERN GRAY SQUIRREL. Ph.D. dissertation, Univ. Minn. 227p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(3):1003. Sept. 1977. WR 170
/Sciurus carolinensis hypophaeus/.

78-003820 Bronson, Michael Tyken ALTITUDINAL VARIATION IN THE ANNUAL CYCLE AND LIFE HISTORY OF THE GOLDEN-MANTLED GROUND SQUIRREL (/SPERMOPHILUS LATERALIS/). Ph.D. disseration, Univ. Calif. (Berkeley) 139p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8): 3582. Feb. 1978. WR 170

78-003821 Chakraborty, S.; Agrawal, V. C. A MELANISTIC EXAMPLE OF WOOLLY FLYING SQUIRREL, /EUPETAURUS CINEREUS/ THOMAS (RODENTIA: SCIURIDAE). J. Bombay Nat. Hist. Soc. 74 (2): 346-347. Aug. 1977. WR 170
[Zool. Surv. India, 8 Lindsay St., Calcutta 700 016, India]

78-003822 Chappell, Mark Allen BEHAVIORAL AND PHYSIOLOGICAL FACTORS IN THE ALTITUDINAL ZONATION OF THREE SIERRA NEVADA CHIPMUNKS (/EUTAMIAS/). Ph.D. dissertation, Stanford Univ. 125p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4039. Mar. 1978. WR 170
/Eutamias minimus/, /E. amoenus/ and /E. speciosa/.

78-003823 Charnock, J. S.; Simonson, L. P. VARIATIONS IN ($Na^+ + K^+$)-ATPASE AND Mg^{2+}-ATPASE ACTIVITY OF THE GROUND SQUIRREL BRAIN DURING HIBERNATION. Comp. Biochem. Physiol. B Comp. Biochem. 59 (3): 223-229. 1978. WR 170
[Dep. Pharmacol., Univ. Alberta, Edmonton, Alberta T6G 2H7, Canada] /Spermophilus richardsonii/.

78-003824 Demeneix, Barbara A.; Henderson, Nancy E. MITOCHONDRIAL ALPHA-GLYCEROPHOSPHATE DEHYDROGENASE ACTIVITY IN ACTIVE AND TORPID GROUND SQUIRRELS, /SPERMOPHILUS RICHARDSONI/. Comp. Biochem. Physiol. B Comp. Biochem. 59 (4): 333-337. 1978. WR 170
[Dep. Biol., Univ. Calgary, Calgary, Alberta, Canada T2N 1N4]

78-003825 Demeneix, Barbara A.; Henderson, Nancy E. SERUM T(4) AND T(3) IN ACTIVE AND TORPID GROUND SQUIRRELS, /SPERMOPHILUS RICHARDSONI/. Gen. Comp. Endocrinol. 35 (1): 77-85. May 1978. WR 170
[Henderson: Dep. Biol., Univ. Calgary, Calgary, Alberta, Canada T2N 1N4]

78-003826 Demeneix, Barbara A.; Henderson, Nancy E. THYROXINE METABOLISM IN ACTIVE AND TORPID GROUND SQUIRRELS, /SPERMOPHILUS RICHARDSONI/. Gen. Comp. Endocrinol. 35 (1): 86-92. May 1978. WR 170
[Henderson: Dep. Biol., Univ. Calgary, Calgary, Alberta, Canada T2N 1N4]

78-003827 Dunford, Christopher BEHAVIORAL LIMITATION OF ROUND-TAILED GROUND SQUIRREL DENSITY. Ecology 58 (6): 1254-1268. 1977. WR 170
[Dep. Ecol. & Evolutionary Biol., Univ. Ariz., Tucson 85721] /Spermophilus tereticaudus/ in Arizona.

78-003828 Fisch, Gordon G.; Dimock, Edward J. II SHOOT CLIPPING BY DOUGLAS SQUIRRELS IN REGENERATING DOUGLAS FIR. J. Wildl. Manage. 42 (2): 415-418. Apr. 1978. WR 170
[Pacific Northwest Forest & Range Exp. Stn., Juneau, Alaska 99802] /Tamiasciurus douglasii/.

78-003829 Fogl, John G.; Mosby, Henry S. AGING GRAY SQUIRRELS BY CEMENTUM ANNULI IN RAZOR-SECTIONED TEETH. J. Wildl. Manage. 42 (2): 444-448. Apr. 1978. WR 170
[Dep. Fisheries & Wildl., Mich. State Univ., East Lansing 48824] /Sciurus carolinensis/.

78-003830 Garrott, Robert A.; Jenni, Donald A. ARBOREAL BEHAVIOR OF YELLOW-BELLIED MARMOTS. J. Mammal. 59 (2): 433-434. 30 May 1978. WR 170
[Pa. Coop. Wildl. Res. Unit., Pa. State Univ., University Park 16802] /Marmota flaviventris/ in Montana.

78-003831 Goff, Rebecca J.; Whitaker, John O., Jr. A SCANNING ELECTRON MICROSCOPE STUDY OF FEMALE /ANDROLAELAPS FAHRENHOLZI/ (ACARINA:LAELAPIDAE) FROM THE WOODCHUCK, /MARMOTA MONAX/. Proc. Indiana Acad. Sci. 86: 458-459. 1977. WR 170
[Dep. Life Sci., Ind. State Univ., Terre Haute 47809]

78-003832 Heaney, Lawrence R. ISLAND AREA AND BODY SIZE OF INSULAR MAMMALS: EVIDENCE FROM THE TRI-COLORED SQUIRREL (/CALLOSCIURUS PREVOSTI/) OF SOUTHEAST ASIA. Evolution 32 (1): 29-44. Mar. 1978. WR 170
[Mus. Nat. Hist., Univ. Kans., Lawrence 66045]

78-003833 Heidt, Gary A. UTILIZATION OF NEST BOXES BY THE SOUTHERN FLYING SQUIRREL, /GLAUCOMYS VOLANS/, IN CENTRAL ARKANSAS. Arkansas Acad. Sci. Proc. 31: 55-57. 1977. WR 170
[Univ. Ark., Little Rock 72204]

78-003834 Hoffmeister, Donald F.; Diersing, Victor E. REVIEW OF THE TASSEL-EARED SQUIRRELS OF THE SUBGENUS /OTOSCIURUS/. J. Mammal. 59 (2): 402-413. 30 May 1978. WR 170
[Mus. Nat. Hist., Univ. Ill., Urbana-Champaign 61801] /Sciurus aberti/ consists of six valid subspecies, including /S. a. kaibabensis/. A diagnosis is given for each subspecies. Rivers and other areas of low relief act as boundaries separating subspecies.--From abstr.

78-003835 Hoogland, John Lytton THE EVOLUTION OF COLONIALITY IN WHITE-TAILED AND BLACK-TAILED PRAIRIE DOGS (SCIURIDAE: /CYNOMYS LEUCURUS/ AND /C. LUDOVICIANUS/). Ph.D. dissertation, Univ. Mich. 305p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(3):1084. Sept. 1977. WR 170

78-003836 Kim, Ke Chung /ATOPOPHTHIRUS EMERSONI/, NEW GENUS AND NEW SPECIES (ANOPLURA: HOPLOPLEURIDAE) FROM /PETAURISTA ELEGANS/ (RODENTIA: SCIURIDAE), WITH A KEY TO THE GENERA OF ENDERLEINELLINAE. J. Med. Entomol. 14 (4): 417-420. 24 Dec. 1977. WR 170
[Frost Entomol. Mus., Pa. State Univ., University Park 16802]

78-003837 Kivett, V. Keith INTEGUMENTARY GLANDS OF COLUMBIAN GROUND SQUIRRELS (/SPERMOPHILUS COLUMBIANUS/): SCIURIDAE. Can. J. Zool. 56 (3): 374-381. Mar. 1978. In English with French summ. WR 170
[Dep. Zool., Univ. Alberta, Edmonton, Alberta T6G 2E9, Canada]

78-003838 Lauer, David M.; Sonenshine, Daniel E. ADAPTATIONS OF MEMBRANE FEEDING TECHNIQUES FOR FEEDING THE SQUIRREL FLEA, /ORCHOPEAS HOWARDI/, AND THE SQUIRREL LOUSE, /NEOHAEMATOPINUS SCIUROPTERI/, WITH NOTES ON THE FEEDING OF THE HUMAN BODY LOUSE, /PEDICULUS HUMANUS/ VAR. /CORPORIS/. J. Med. Entomol. 14 (5): 595-596. 10 Feb. 1978. WR 170
[Dep. Biol. Sci., Old Dominion Univ., Norfolk, Va. 23508] /Glaucomys volans/.

78-003839 Leger, Daniel W.; Owings, Donald H. RESPONSES TO ALARM CALLS BY CALIFORNIA GROUND SQUIRRELS: EFFECTS OF CALL STRUCTURE AND MATERNAL STATUS. Behav. Ecol. Sociobiol. 3 (2): 177-186. 3 Apr. 1978. WR 170
[Dep. Psychol., Univ. Calif., Davis 95616] /Spermophilus beecheyi/ in California.

78-003840 Maclean, Graeme Stanley ENVIRONMENTAL PHYSIOLOGY OF THE EASTERN CHIPMUNK, /TAMIAS STRIATUS/. Ph.D. dissertation, Univ. Mich. 229p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(11):5215. May 1978. WR 170

78-003841 McLean, Ian G. PLUGGING OF NEST BURROWS BY FEMALE /SPERMOPHILUS COLUMBIANUS/. J. Mammal. 59 (2): 437-439. 30 May 1978. WR 170
[Dep. Zool., Univ. Alberta, Edmonton, Alberta, Canada T6G 2E9]

78-003842 Michener, Gail R. GESTATION PERIOD AND JUVENILE AGE AT EMERGENCE IN RICHARDSON'S GROUND SQUIRREL. Can. Field-Nat. 91 (4): 410-413. Oct.-Dec. 1977. WR 170
[Zool. Dep., Univ. Alberta, Edmonton, Alberta T6G 2E9, Canada] /Spermophilus richardsonii/.

78-003843 Mikheeva, K. V. DYNAMICS OF SQUIRREL NUMBERS AS A CRITERION OF POPULATION STABILITY. Sov. J. Ecol. (Engl. Transl. Ekologiya) 8 (4): 350-356. May 1978. Translated from Ekologiya no. 4:78-85. July-Aug. 1977. WR 170
[Inst. Plant & Animal Ecol., Urals Sci. Cent., Acad. Sci. USSR, USSR]

78-003844 Popkov, A. P. VARIATION OF CERTAIN MORPHOLOGIC CHARACTERS OF GEOGRAPHIC POPULATIONS OF THE LONG-TAILED SUSLIK /CITELLUS UNDULATUS/ PALL. Sov. J. Ecol. (Engl. Transl. Ekologiya) 8 (3): 255-260. May-June 1977. Translated from Ekologiya no. 3: 78-82. May-June 1977. WR 170

78-003845 Recht, Michael Anthony THE BIOLOGY OF THE MOHAVE GROUND SQUIRREL, /SPERMOPHILUS MOHAVENSIS/: HOME RANGE, DAILY ACTIVITY, FORAGING AND WEIGHT GAIN AND THERMOREGULATORY BEHAVIOR. Ph.D. dissertation, Univ. Calif. (Los Angeles) 125p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4017. Mar. 1978. WR 170

78-003846 Schitoskey, Frank, Jr.; Woodmansee, Sarah R. ENERGY REQUIREMENTS AND DIET OF THE CALIFORNIA GROUND SQUIRREL. J. Wildl. Manage. 42 (2): 373-382. Apr. 1978. WR 170
[S. Dak. Coop. Wildl. Res. Unit, S. Dak. State Univ., Brookings 57007] /Spermophilus beecheyi fisheri/ in California.

78-003847 Stapanian, M. A. A MODEL FOR SEED SCATTERING BY ANIMALS. Trans. Kans. Acad. Sci. 79 (1&2): 58. 1976. Abstract only. WR 170
[Kans. State Univ., Manhattan] /Sciurus niger/.

78-003848 Stromberg, Mark R. SUBSURFACE BURROW CONNECTIONS AND ENTRANCE SPATIAL PATTERN OF PRAIRIE DOGS. Southwest. Nat. 23 (2): 173-180. 20 Mar. 1978. WR 170
[Dep. Zool., Univ. Wis., Madison 53706] /Cynomys ludovicianus/ in Wyoming.

78-003849 Stupca, P. J.; Pigage, J. C.; Jalal, S. M. KARYOTYPIC EVOLUTION OF GROUND SQUIRREL (RODENTIA: /SPERMOPHILUS/) POPULATIONS OF THE U.S. NORTHERN PLAINS. Proc. N. D. Acad. Sci. 32 (1): 40. Apr. 1978. Abstract only. WR 170
[Dep. Biol., Univ. N. Dak., Grand Forks 58202] /Spermophilus richandsonii richandsonii/ and /S. r. elegans/.

78-003850 Summers, Carol A.; Linder, Raymond L. FOOD HABITS OF THE BLACK-TAILED PRAIRIE DOG IN WESTERN SOUTH DAKOTA. J. Range Manage. 31 (2): 134-136. Mar. 1978. WR 170
[Zool. Dep., Ind. Univ., Bloomington] /Cynomys ludovicianus ludovicianus/.

78-003851 Thompson, D. C. THE SOCIAL SYSTEM OF THE GREY SQUIRREL. Behaviour 64 (3-4): 305-328. 1978. WR 170
[Renewable Resour. Consulting Serv. Ltd., 4540-99 St., Edmonton, Alberta, Canada T6E 5H5] /Sciurus carolinensis/.

78-003852 Tubbs, Allen Adair ECOLOGY AND POPULATION BIOLOGY OF THE SPOTTED GROUND SQUIRREL, /SPERMOPHILUS SPILOSOMA OBSOLETUS/. Ph.D. dissertation, Univ. Northern Colo. 73p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3538. Feb. 1978. WR 170

78-003853 Viljoen, S. ECTOPARASITES OF THE BUSH SQUIRREL, /PARAXERUS CEPAPI CEPAPI/, IN THE TRANSVAAL (RODENTIA: SCIURIDAE). Zool. Afr. 12 (2): 498-500. 1977. WR 170
[Mammal Res. Inst., Univ. Pretoria, Pretoria, South Africa]

78-003854 Viljoen, S. FEEDING HABITS OF THE BUSH SQUIRREL /PARAXERUS CEPAPI CEPAPI/ (RODENTIA: SCIURIDAE). Zool. Afr. 12 (2): 459-467. 1977. WR 170
[Mammal Res. Inst., Univ. Pretoria, Pretoria, South Africa]

78-003855 West, Stephen D. MANIPULATIVE BEHAVIOR BY A RED SQUIRREL. Can. Field-Nat. 91 (4): 417-418. Oct.-Dec. 1977. WR 170
[Inst. Northern Forestry, Forest Serv., Fairbanks, Alaska 99701] /Tamiasciurus hudsonicus/.

78-003856 Yahner, Richard H. BURROW SYSTEM AND HOME RANGE USE BY EASTERN CHIPMUNKS, /TAMIAS STRIATUS/: ECOLOGICAL AND BEHAVIORAL CONSIDERATIONS. J. Mammal. 59 (2): 324-329. 30 May 1978. WR 170
[Dep. Entomol., Fisheries & Wildl., Univ. Minn., St. Paul 55108]

78-003857 Yahner, Richard Howard BEHAVIOR AND SOCIAL SYSTEM IN THE EASTERN CHIPMUNK, /TAMIAS STRIATUS/. Ph.D. dissertation, Ohio Univ. 85p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):2077. Nov. 1977. WR 170

78-003858 Zegers, David Allan ENERGY DYNAMICS AND ROLE OF RICHARDSON'S GROUND SQUIRREL (/SPERMOPHILUS RICHARDSONII ELEGANS/) IN A MONTANE MEADOW ECOSYSTEM. Ph.D. dissertation, Univ. Colo. 191p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):2025. Nov. 1977. WR 170

BEAVER, MUSKRAT, NUTRIA

78-003859 Akhmetov, I. Z. [FUNCTIONAL AND MORPHOLOGICAL CHARACTERISTICS OF THYROID GLAND OF NUTRIA COYPU AND OF MUSKRAT.] Biol. Nauki (Mosc.) 1977 (12): 77-82. Dec. 1977. In Russian. WR 170
/Myocastor coypus/ and /Ondatra zibethicus/.

78-003860 Boyce, Mark Stephen LIFE HISTORIES IN VARIABLE ENVIRONMENTS: APPLICATIONS TO GEOGRAPHIC VARIATION IN THE MUSKRAT (/ONDATRA ZIBETHICUS/). Ph.D. dissertation, Yale Univ. 157p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(7):3022. Jan. 1978. WR 170

78-003861 Brooks, Robert P.; Dodge, Wendell E. A NIGHT IDENTIFICATION COLLAR FOR BEAVERS. J. Wildl. Manage. 42 (2): 448-452. Apr. 1978. WR 170
[Dep. Forestry & Wildl. Manage., Univ. Mass., Amherst 01003]
/Castor canadensis/ in Massachusetts.

78-003862 Fairbanks, Eleanor S.; Kilgore, Delbert L., Jr. POST-DIVE OXYGEN CONSUMPTION OF RESTRAINED AND UNRESTRAINED MUSKRATS (/ONDATRA ZIBETHICA/). Comp. Biochem. Physiol. A Comp. Physiol. 59 (1): 113-117. 1978. WR 170
[Dep. Gen. Biol., Univ. Ariz., Tucson 85721]

78-003863 Kinard, F. W., Jr. SURVEY OF BEAVER IMPOUNDMENTS. Bull. S.C. Acad. Sci. 40: 68. 1978. Abstract only. WR 170
/Castor canadensis/ in South Carolina.

78-003864 Le Boulenge, Eric TWO AGEING METHODS FOR MUSKRATS: LIVE OR DEAD ANIMALS. Acta Theriol. 22 (34): 509-520. Dec. 1977. In English with Polish summ. WR 170
[Lab. Ecol. Theor. & Biom. U.C.L., Place Croix du Sud 5, 1348 Louvain, Belgium] /Ondatra zibethicus/.

78-003865 Macarthur, Robert Allan BEHAVIORAL AND PHYSIOLOGICAL ASPECTS OF TEMPERATURE REGULATION IN THE MUSKRAT (/ONDATRA ZIBETHICUS/). Ph.D. dissertation, Univ. Manitoba 1977. From Diss. Abstr. Int. B Sci. Eng. 38(10):4682. Apr. 1978. WR 170

78-003866 Mayhew, D. F. REINTERPRETATION OF THE EXTINCT BEAVER /TROGONTHERIUM/ (MAMMALIA, RODENTIA). Philos. Trans. R. Soc. Lond. B Biol. Sci. 281 (983): 407-438. 13 Jan. 1978. WR 170
[Geol. Inst., Oude Gracht 320, Utrecht, Netherlands] It is concluded that the habits of this animal resembled those of the living coypu (/Myocastor coypus/) and that the idea that it grazed with enlarged upper lips on floating vegetation arose from an anatomical misinterpretation. Proposed specific and subspecific taxonomy is followed by a review of information concerning absolute dating of localities under consideration.--From abstr.

78-003867 Reynolds, Ronald E. DISTRIBUTION OF BEAVER IN OKLAHOMA. Proc. Okla. Acad. Sci. 57: 83-85. 1977. WR 170
[Okla. Coop. Wildl. Res. Unit, Okla. State Univ., Stillwater] /Castor canadensis/.

78-003868 Stuart, B. P.; Crowell, W. A.; Adams, W. V.; Morrow, D. T. SPONTANEOUS RENAL DISEASE IN BEAVER IN LOUISIANA. J. Wildl. Dis. 14 (2): 250-253. Apr. 1978. WR 170
[Coll. Veterinary Med., Univ. Ga., Tifton 31794] /Castor canadensis/.

78-003869 Vanden Berge, Robert J.; Vohs, Paul A., Jr. POPULATION STATUS OF BEAVER ON THE FREE-RUNNING MISSOURI RIVER IN SOUTHEASTERN SOUTH DAKOTA. Proc. S.D. Acad. Sci. 56: 230-236. 15 July 1977. WR 170
[Cibola Natl. Wildl. Refuge, P.O. Box AP, Blythe, Calif. 92225] /Castor canadensis/.

RATS & MICE

78-003870 Borchert, M. I.; Jain, S. K. THE EFFECT OF RODENT SEED PREDATION ON FOUR SPECIES OF CALIFORNIA ANNUAL GRASSES. Oecologia (Berl.) 33 (1): 101-113. 2 Mar. 1978. WR 170
[Dep. Parques Nacionais, Palacio do Desenvolvimento, 13º andar, 70, 000 Brasilia, D.F. Brazil] /Microtus californicus/ and /Mus musculus/.

78-003871 Borchert, Mark Irvin THE EFFECT OF RODENT SEED PREDATION ON FOUR SPECIES OF CALIFORNIA ANNUAL GRASSES. Ph.D. dissertation, Univ. Calif. (Davis) 56p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(6):2507. Dec. 1977. WR 170
/Microtus californicus/ and /Mus musculus/.

78-003872 Horowitz, M.; Nani, D. POTENTIAL SECRETORY ACTIVITY OF SALIVARY GLANDS AND ELECTROLYTE CONCENTRATIONS IN THE SALIVA OF TWO RODENT SPECIES DURING HEAT ACCLIMATIZATION. Comp. Biochem. Physiol. A Comp. Physiol. 59 (2): 151-154. 1978. WR 170
[School Med. & Dent. Med., Hebrew Univ., Jerusalem, Israel] /Psammomys obesus/ and /Rattus norvegicus/.

78-003873 Houtcooper, Wayne C. FOOD HABITS OF RODENTS IN A CULTIVATED ECOSYSTEM. J. Mammal. 59 (2): 427-430. 30 May 1978. WR 170
[Div. Nat. Sci., Aquinas Coll., Grand Rapids, Mich. 49506] /Peromyscus maniculatus bairdii/ and /Mus musculus/.

78-003874 Roman, Bogdan; Bennett, Edward L. SNAP HARNESS FOR BIOTELEMETRY FROM RODENTS. Physiol. Behav. 20 (3): 349-350. Mar. 1978. WR 170
[Lawrence Berkeley Lab., Univ. Calif., Berkeley 94720] "Rats and other small rodents."

78-003875 Shvarts, S. S.; Olenev, V. G.; Zhigal'skii, O. A.; Kryazhimskii, F. V. SIMULATION MODEL STUDY OF THE ROLE OF SEASONAL GENERATIONS OF MURID RODENTS. Sov. J. Ecol. (Engl. Transl. Ekologiya) 8 (3): 200-208. May-June 1977. Translated from Ekologiya no. 3: 12-21. May-June 1977. WR 170

78-003876 Vestal, Bedford M. SOCIABILITY AND INDIVIDUAL DISTANCE IN FOUR SPECIES OF RODENTS. Proc. Okla. Acad. Sci. 57: 98-102. 1977. WR 170
[Dep. Zool., Univ. Okla., Norman 73019] /Rattus norvegicus/, /Mus musculus/, /Peromyscus leucopus/ and /P. maniculatus/.

78-003877 Watts, C. H. S.; Braithwaite, Richard W. THE DIET OF /RATTUS LUTREOLUS/ AND FIVE OTHER RODENTS IN SOUTHERN VICTORIA. Aust. Wildl. Res. 5 (1): 47-57. Mar. 1978. WR 170
[Inst. Med. Veterinary Sci., Frome Rd., Adelaide, South Australia 5000, Australia] [/rattus fuscipes/, /R. rattus/, /Mus musculus/, /Pseudomys shortridgei/ and /P. novaehollandiae/].

RATTUS & MUS

78-003878 Adamczyk, Krystyna EFFECT OF SIZE AND DENSITY OF POPULATION OF LABORATORY MICE ON THE PARAMETERS DETERMINING THEIR PRODUCTION. Acta Theriol. 22 (32): 459-484. Dec. 1977. In English with Polish summ. WR 170
[Inst. Ecol., Polish Acad. Sci., 05-150 Dziekanow Lesny, Poland] /Mus musculus/.

78-003879 Barnett, S. A.; Hocking, W. E.; Wolfe, J. L. EFFECTS OF COLD ON ACTIVITY AND EXPLORATION BY WILD HOUSE MICE IN A RESIDENTIAL MAZE. J. Comp. Physiol. A Sens. Neural Behav. Physiol. 123 (1): 91-95. 6 Feb. 1978. WR 170
[Zool. Dep., Australian Natl. Univ., Canberra, A.C.T. 2600, Australia] /Mus musculus/.

78-003880 Berry, R. J. GENETIC VARIATION IN WILD HOUSE MICE: WHERE NATURAL SELECTION AND HISTORY MEET. Am. Sci. 66 (1): 52-60. Jan.-Feb. 1978. WR 170
[Univ. London, London, England] /Mus musculus/ in Wales]

78-003881 Borbely, Alexander A.; Neuhaus, Hans Ulrich DAILY PATTERN OF SLEEP, MOTOR ACTIVITY AND FEEDING IN THE RAT: EFFECTS OF REGULAR AND GRADUALLY EXTENDED PHOTOPERIODS. J. Comp. Physiol. A Sens. Neural Behav. Physiol. 124 (1): 1-14. 17 Mar. 1978. WR 170
[Inst. Pharmacol., Univ. Zurich, CH-8006 Zurich, Switzerland] /Rattus norvegicus/.

78-003882 Butler, Ronald G. THE RELATIONSHIP OF POPULATION DENSITY TO SOCIAL BEHAVIOR IN WILD /MUS MUSCULUS/: A QUANTITATIVE INVESTIGATION. Ph.D. dissertation, State Univ. N.Y. Coll. Environmental Sci. & Forestry 189p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(11):5225. May 1978. WR 170

78-003883 Chan, K. L.; Dhaliwal, S. S.; Wong, H. S. PROTEIN VARIATION AND SYSTEMATICS IN MALAYAN RATS OF THE SUBGENUS /LENOTHRIX/ (RODENTIA: MURIDAE, GENUS /RATTUS/ FISCHER). Comp. Biochem. Physiol. B Comp. Biochem. 59 (4): 345-351. 1978. WR 170
[Univ. Malaya, Kuala Lumpur, Malaysia] /Rattus rajah/, /R. surifer/, /R. whiteheadi/, /R. inas/ and /R. canus/.

78-003884 Cox, Thomas Patrick OLFACTORY PREFERENCES AND ETHOLOGICAL REPRODUCTIVE ISOLATION BETWEEN DEME POPULATION GROUPINGS OF FERAL HOUSE MICE (/MUS MUSCULUS/). Ph.D. dissertation, Univ. Manitoba 1977. From Diss. Abstr. Int. B Sci. Eng. 38(11):5227. May 1978. WR 170

78-003885 Fitzgerald, B. M.; Karl, B. J. RODENT POPULATIONS IN THE ORONGORONGO VALLEY, WELLINGTON, 1971-1976. Proc. N.Z. Ecol. Soc. 24: 127-128. 1977. Abstract only. WR 170
[Ecol. Div., DSIR, Lower Hutt, New Zealand] /Rattus rattus/ and /Mus musculus/.

78-003886 Jourdane, Joseph PERMISSIVITE DU RAT (/RATTUS RATTUS/) DE GUADELOUPE A L'EGARD DE /SCHISTOSOMA MANSONI/ ET MISE EN EVIDENCE D'UNE MIGRATION DES SCHISTOSOMES ADULTES VERS LES POUMONS. [PERMISSIVITY OF THE RAT (/RATTUS RATTUS/) OF GUADELOUPE WITH REGARD TO /SCHISTOSOMA MANSONI/ AND DEMONSTRATION OF A MIGRATION OF ADULT SCHISTOSOMES TO THE LUNGS.] C.R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat. 286 (12): 1001-1004. 28 Mar. 1978. In French with English summ. WR 170

78-003887 Knote, Charles E. LABORATORY TESTS TO EXPLORE THE USEFULNESS OF WATER TYPE BAITS FOR THE CONTROL OF MICE. Trans. Mo. Acad. Sci. 10 & 11: 326. 1977. Abstract only. WR 170
[Cape-Kem Lab., Cape Girardeau, Mo. 63701] /Mus musculus/.

78-003888 Lacy, Robert C.; Lynch, Carol Becker; Lynch, G. Robert DEVELOPMENTAL AND ADULT ACCLIMATION EFFECTS OF AMBIENT TEMPERATURE ON TEMPERATURE REGULATION OF MICE SELECTED FOR HIGH AND LOW LEVELS OF NEST-BUILDING. J. Comp. Physiol. B Biochem. Syst. Environ. Physiol. 123 (2): 185-192. 1978. WR 170
[C. B. Lynch: Dep. Biol., Wesleyan Univ., Middletown, Conn. 06457] /Mus musculus/.

78-003889 Markvong, Amara CYTOGENETIC STUDIES ON GENUS /MUS/ (RODENTIA, MURIDAE) WITH SPECIAL REFERENCE TO SPECIES FROM THAILAND. Ph.D. dissertation, Univ. Ariz. 166p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(3):1048. Sept. 1977. WR 170
Data for 8 spp.

78-003890 Maruniak, Joel Andrew CHEMICAL COMMUNICATION IN THE HOUSE MOUSE, /MUS MUSCULUS/. Ph.D. dissertation, Univ. Tex. (Austin) 98p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):2074. Nov. 1977. WR 170

78-003891 Moller, H.; Craig, J. L. ASPECTS OF THE ECOLOGY OF KIORE (/RATTUS EXULANS/) ON TIRITIRI MATANGI ISLAND. Proc. N.Z. Ecol. Soc. 24: 129-130. 1977. WR 170
[Dep. Zool., Univ. Auckland, Auckland, New Zealand]

78-003892 Nyby, John; Whitney, Glayde; Schmitz, Stephanie; Dizinno, Gerald POSTPUBERTAL EXPERIENCE ESTABLISHES SIGNAL VALUE OF MAMMALIAN SEX ODOR. Behav. Biol. 22 (4): 545-552. Apr. 1978. WR 170
[Whitney: Dep. Psychol., Fla. State Univ., Tallahassee 32306] /Mus musculus/.

78-003893 Pretel, M. A.; Diaz de la Guardia, G. R. CHROMOSOMAL POLYMORPHISM CAUSED BY SUPERNUMERARY CHROMOSOMES IN /RATTUS RATTUS/ SSP. /FRUGIVORUS/ (RAFINESQUE, 1814) (RODENTIA, MURIDAE). Experientia (Basel) 34 (3): 325-328. 15 Mar. 1978. WR 170
[Dep. Genetics, Univ. Granada, Granada, Spain]

78-003894 Price, Edward O. GENOTYPE VERSUS EXPERIENCE EFFECTS ON AGGRESSION IN WILD AND DOMESTIC NORWAY RATS. Behaviour 64 (3-4): 340-353. 1978. In English with German summ. WR 170
[Dep. Animal Sci., Univ. Calif., Davis 95616] /Rattus norvegicus/.

78-003895 Ramsay, G. W. ARTHROPODS ASSOCIATED WITH THE POLYNESIAN RAT ON THE TOKELAU ISLANDS. N.Z. J. Zool. 4 (4): 393-394. Nov. 1977. WR 170
[DSIR, Private Bag, Auckland, New Zealand] /Rattus exulans/.

78-003896 Ramsay, G. W.; Paterson, S. E. MITES (ACARI) FROM /RATTUS/ SPECIES ON RAOUL ISLAND. N.Z. J. Zool. 4 (4): 389-392. Nov. 1977. WR 170
[DSIR, Private Bag, Auckland, New Zealand]

78-003897 Schmitt, Lincoln H. GENETIC VARIATION IN ISOLATED POPULATIONS OF THE AUSTRALIAN BUSH-RAT, /RATTUS FUSCIPES/. Evolution 32 (1): 1-14. Mar. 1978. WR 170
[Dep. Genetics, Monash Univ., Clayton, Victoria 3168, Australia]

78-003898 Smith, Roy H. OPEN-FIELD FREEZING AS A STABLE PARAMETER OF WILDNESS IN /MUS MUSCULUS/. Behav. Biol. 23 (1): 67-74. May 1978. WR 170
[Mary Washington Coll., Fredericksburg, Va. 22401]

78-003899 Wagner, C. Kenyon EFFECT OF SOFT DRINK CONSUMPTION ON POPULATION PARAMETERS OF HOUSE MICE. J. Tenn. Acad. Sci. 53 (2): 73. Apr. 1978. Abstract only. WR 170
[Southwestern Univ., Memphis, Tenn.] /Mus musculus/.

78-003900 Watanabe, Tomomasa; Shimizu, Koji; Goto, Haruko; Ogasawara, Nobuaki GENETIC STUDY OF HEMOGLOBIN VARIANTS IN MICE (/MUS MUSCULUS/). Jpn. J. Genet. 51 (6): 377-383. Dec. 1976. WR 170
[Inst. Developmental Res., Aichi Prefecture Colony, Kasugai, Aichi 480-03, Japan]

78-003901 Whitaker, John O., Jr. FOOD AND EXTERNAL PARASITES OF THE NORWAY RAT, /RATTUS NORVEGICUS/, IN INDIANA. Proc. Indiana Acad. Sci. 86: 193-198. 1977. WR 170
[Dep. Life Sci., Ind. State Univ., Terre Haute 47809]

78-003902 Williams, J. M. DETERMINATION OF AGE OF POLYNESIAN RATS (/RATTUS EXULANS/). Proc. N.Z. Ecol. Soc. 23: 79-82. 1976. WR 170
[Forest Res. Inst., P.O. Box 106, Rangiora, New Zealand]

78-003903 Yoshida, Tosihide H.; Taya, Choji STUDIES ON INTERSPECIFIC HYBRIDIZATION IN THE RODENTS, I. ARTIFICIAL INSEMINATION BETWEEN THE NORWAY RAT (FEMALE) AND BLACK RAT (MALE) AND THE RESULTING KARYOTYPES IN THE HYBRID BLASTOCYSTS. Jpn. J. Genet. 52 (4): 289-299. Aug. 1977. WR 170
[Natl. Inst. Genetics, Misima 411, Japan] /Rattus norvegicus/, /Rattus rattus/ and hybrids.

OTHER RODENTS

78-003904 Adamczewska-Andrzejewska, Krystyna A.; Nabaglo, Leszek DEMOGRAPHIC PARAMETERS AND VARIATIONS IN NUMBERS OF THE COMMON VOLE. Acta Theriol. 22 (31): 431-457. Dec. 1977. In English with Polish summ. WR 170
[Inst. Ecol., Polish Acad. Sci., Dziekanow Lesny, 05-150 Lomianki, Poland] /Microtus arvalis/.

78-003905 Alho, Cleber Jose Rodrigues SPATIAL DISTRIBUTION OF /PEROMYSCUS LEUCOPUS/ IN DIFFERENT HABITATS. Ph.D. dissertation, Univ. N.C. 120p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(11): 5166. May 1978. WR 170

78-003906 Andersen, Douglas C. OBSERVATIONS ON REPRODUCTION, GROWTH, AND BEHAVIOR OF THE NORTHERN POCKET GOPHER (/THOMOMYS TALPOIDES/). J. Mammal. 59 (2): 418-422. 30 May 1978. WR 170
[Dep. Biol. & Ecol. Cent., Utah State Univ., Logan 84322]

78-003907 Andrews, Richard V. INCREMENTAL CHANGES IN DEER MOUSE (/PEROMYSCUS MANICULATUS/) CORE TEMPERATURES DURING BEHAVIORAL CHALLENGES. Comp. Biochem. Physiol. A Comp. Physiol. 59 (1): 45-48. 1978. WR 170
[Dep. Physiol., Creighton Univ., Omaha, Nebr. 68178]

78-003908 August, Peter V. SCENT COMMUNICATION IN THE SOUTHERN PLAINS WOOD RAT, /NEOTOMA MICROPUS/. Am. Midl. Nat. 99 (1): 206-218. Jan. 1978. WR 170
[Natl. Zool. Park, Smithsonian Inst., Washington, D.C. 20009]

78-003909 Beck, Melvin L.; Kennedy, Michael L. GENETIC VARIATION IN /CLETHRIONOMYS GAPPERI/. J. Tenn. Acad. Sci. 53 (2): 72. Apr. 1978. Abstract only. WR 170
[Memphis State Univ., Memphis, Tenn.]

78-003910 Birkenstock, P. J.; Nel, J. A. J. LABORATORY AND FIELD OBSERVATIONS ON /ZELOTOMYS WOOSNAMI/ (RODENTIA: MURIDAE). Zool. Afr. 12 (2): 429-443. 1977. WR 170
[Mammal Res. Inst., Univ. Pretoria, Pretoria, South Africa]

78-003911 Bol'shakov, V. N.; Tsvetkova, A. A.; Ivanter, E. V.; Suchkova, N. G. INTERNAL CHARACTERISTICS OF BIRCH MICE (MAMMALIA, ZAPODIDAE) OF THE USSR. Sov. J. Ecol. (Engl. Transl. Ekologiya) 8 (3): 229-235. May-June 1977. Translated from Ekologiya no. 3: 47-54. May-June 1977. WR 170
/Sicista/ spp.

78-003912 Boonstra, Rudy EXPERIMENTAL STUDIES OF THE POPULATION PROCESSES IN THE VOLE /MICROTUS TOWNSENDII/. Ph.D. dissertation, Univ. British Columbia 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):2017. Nov. 1977. WR 170

78-003913 Boudier, Jean-Louis; Burlet, Claude THE POSTERIOR PITUITARY OF THE GARDEN DORMOUSE (/ELIOMYS QUERCINUS/ L.). EVIDENCE OF TWO TYPES OF NEUROSECRETORY AXONS ON THE BASIS OF ULTRASTRUCTURAL CHARACTERISTICS. Cell Tissue Res. 188 (2): 189-204. 17 Apr. 1978. In English with French summ. WR 170
[Lab. Histol. I, Faculte Med., F-13385 Marseille Cedex 4, France]

78-003914 Brenner, Fred J.; Wirtz, Sharon K. Bradley; Campbell, Patricia Shaeffer; Church, Carol EFFECT OF SOCIAL RANK ON ADRENAL MORPHOLOGY IN THE MALE HAMSTER (/MESOCTICETUS AURATUS/). J. Mammal. 59 (2): 366-373. 30 May 1978. WR 170
[Biol. Dep., Grove City Coll., Grove City, Pa. 16127]

78-003915 Buech, Richard R.; Timm, Robert M.; Siderits, Karl A SECOND POPULATION OF ROCK VOLES, /MICROTUS CHROTORRHINUS/, IN MINNESOTA WITH COMMENTS ON HABITAT. Can. Field-Nat. 91 (4): 413-441. Oct.-Dec. 1977. WR 170
[North Central Forest Exp. Stn., 1992 Folwell Ave., St. Paul, Minn. 55108]

78-003916 Buhl, Allen E.; Hasler, John F.; Tyler, Margaret C.; Goldberg, Nancy; Banks, Edwin M. THE EFFECTS OF SOCIAL RANK ON REPRODUCTIVE INDICES IN GROUPS OF MALE COLLARED LEMMINGS (/DICROSTONYX GROENLANDICUS/). Biol. Reprod. 18 (2): 317-324. Mar. 1978. WR 170
[Banks: Dep. Ecol., Ethol. & Evolution, Univ. Ill., Urbana 61801]

78-003917 Burton, Douglas M.; Black, Hugh C. FEEDING HABITS OF MAZAMA POCKET GOPHERS IN SOUTH-CENTRAL OREGON. J. Wildl. Manage. 42 (2): 383-390. Apr. 1978. WR 170
[School Forestry, Oreg. State Univ., Corvallis 97331] /Thomomys mazama/.

78-003918 Carlson, Dirk T.; Stratton, L. P. INHERITANCE OF HEMOGLOBIN IN /SIGMODON HISPIDUS/ AS SHOWN BY ELECTROPHORETIC PATTERNS. Bull. S.C. Acad. Sci. 40: 49. 1978. Abstract only, WR 170

78-003919 Carter, Ronald Leland AN ANALYSIS OF SPECIES RECOGNITION IN SYMPATRIC, ALLOPATRIC AND RECIPROCALLY CROSS-FOSTERED /PEROMYSCUS CALIFORNICUS/ AND /PEROMYSCUS EREMICUS/ (RODENTIA, CRICETIDAE). Ph.D. dissertation, Loma Linda Univ. 77p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(4):1509. Oct. 1977. WR 170

78-003920 Cheeseman, C. L. ACTIVITY PATTERNS OF RODENTS IN RWENZORI NATIONAL PARK, UGANDA. East Afr. Wildl. J. 15 (4): 281-287. Dec. 1977. WR 170
[Field Res. Stn., Tangley Place, Worplesdon, Guildford, Surrey GU3 3LQ, England] Data for 8 spp. of muridae.

78-003921 Chidumayo, E. N. THE ECOLOGY OF THE SINGLE STRIPED GRASS MOUSE, /LEMNISCOMYS GRISELDA/, IN ZAMBIA. Mammalia 41 (4): 411-418. 1978. In English with French summ. WR 170
[Livingstone Mus., P.O. Box 498, Livingstone, Zambia]

78-003922 Christian, Donald P.; Enders, John E.; Shump, Karl A., Jr. A LABORATORY STUDY OF CACHING IN /DESMODILLUS AURICULARIS/. Zool. Afr. 12 (2): 505-507. 1977. WR 170
[Mus. & Dep. Zool., Mich. State Univ., East Lansing 48824]

78-003923 Christian, Donald Paul COMPARATIVE DEMOGRAPHY AND WATER METABOLISM IN THREE NAMIB DESERT RODENTS. Ph.D. dissertation, Mich. State Univ. 136p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(10): 4619. Apr. 1978. WR 170
/Gerbillurus paeba/, /Desmodillus auricularis/, and /Rhabdomys pumilio/.

78-003924 Clarke, J. R. LONG AND SHORT TERM CHANGES IN GONADAL ACTIVITY OF FIELD VOLES AND BANK VOLES. Oikos 29 (3): 457-467. 1977. In English with Russian summ. WR 170
[Dep. Agric. Sci., Univ. Oxford, Parks Rd., Oxford OX1 3PF, England] /Microtus agrestis/ and /Clethrionomys glareolus/.

78-003925 Cole, Frederick Russell NUTRITION AND POPULATION DYNAMICS OF THE PRAIRIE VOLE, /MICROTUS OCHROGASTER, IN CENTRAL ILLINOIS. Ph.D. dissertation, Univ. Ill. (Urbana-Champaign) 108p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(10):4620. Apr. 1978. WR 170

78-003926 Corke, David THE DISTRIBUTION OF /APODEMUS FLAVICOLLIS/ IN BRITAIN. Mammal Rev. 7 (3/4): 123-130. Sept./Dec. 1977. WR 170
[Dep. Biol. Sci., North East London Polytechnic, Romford Rd., London E15 4LZ, England]

78-003927 Cranford, Jack Allen THE ECOLOGY OF THE WESTERN JUMPING MOUSE (/ZAPUS PRINCEPS/). Ph.D. dissertation, Univ. Utah 132p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):2018. Nov. 1977. WR 170

78-003928 Csuti, Blair Alexander PATTERNS OF ADAPTATION AND VARIATION IN THE GREAT BASIN KANGAROO RAT (/DIPODOMYS MICROPS/). Ph.D. dissertation, Univ. Calif. (Berkeley) 251p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3582. Feb. 1978. WR 170

78-003929 Czerwinska, Aleksandra THE OCCURRENCE OF FLEAS ON POPULATION OF /MICROTUS ARVALIS/ (PALLAS 1779) ON EXPERIMENTAL AREAS UNDER AGROTECHNICAL TREATMENT. Ekol. Pol. 25 (3): 551-559. 1977. In English with Polish summ. WR 170
[Inst. Ecol., Polish Acad. Sci., Dziekanow Lesny (near Warsaw), Poland]

78-003930 Dean, W. R. J. CONSERVATION OF THE WHITE-TAILED RAT IN SOUTH AFRICA. Biol. Conserv. 13 (2): 133-140. Feb. 1978. WR 170
[Transvaal Nat. Conserv. Div., P.O. Barberspan 2765, South Africa] /Mystromys albicaudatus/.

78-003931 Devereux, Deirdre; Ash, Lawrence R. INCREASED SUSCEPTIBILITY TO INFECTION WITH /BRUGIA PAHANGI/ IN AGED FEMALE JIRDS (/MERIONES UNGUICULATUS/). J. Parasitol. 64 (1): 115-118. Feb. 1978. WR 170
[School Public Health, Univ. Calif., Los Angeles 90024]

78-003932 Dinkes, Ira Mitchell PLAY BEHAVIOR AND SOCIAL DEVELOPMENT IN MONGOLIAN GERBILS, /MERIONES UNGUICULATUS/. Ph.D. dissertation, Tufts Univ. 156p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9): 4006. Mar. 1978. WR 170

78-003933 Drabek, Charles M. SOME POPULATION ASPECTS OF CRICETID RODENTS IN A CENTRAL OKLAHOMA TALL GRASS PRAIRIE. Proc. Okla. Acad. Sci. 57: 25-28. 1977. WR 170
[Biol. Dep., Whitman Coll., Walla Walla, Wash.] /Sigmodon hispidus/, /Peromyscus maniculatus/ and /P. leucopus/.

78-003934 Elbihari, Sabir; Hussein, Hussein S.; Muller, Ralph /MONANEMA NILOTICA/ N. SP. (NEMATODA: ONCHOCERCIDAE) A CARDIOPULMONARY PARASITE OF THE NILE RAT IN SUDAN. J. Helminthol. 51 (4): 317-321. Dec. 1977. WR 170
[Dep. Microbiol. & Parasitol., Univ. Khartoum, P.O. Box 32, Khartoum North, Sudan] /Arvicanthis niloticus testicularis/.

78-003935 Emerson, Donald O.; Howard, Walter E. MINERALOGY OF WOODRAT, /NEOTOMA CINEREA/, URINE DEPOSITS FROM NORTHEASTERN CALFORNIA. J. Mammal. 59 (2): 424-425. 30 May 1978. WR 170
[Lawrence Livermore Lab., Univ. Calif., P.O. Box 808, Livermore 94550]

78-003936 Enders, John Edwin SOCIAL INTERACTIONS BETWEEN CONFINED JUVENILE AND ADULT /PEROMYSCUS MANICULATUS BAIRDI/: EFFECT OF SOCIAL FACTORS ON JUVENILE SETTLEMENT AND GROWTH. Ph.D. dissertation, Mich. State Univ. 195p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(10): 4680. Apr. 1978. WR 170

78-003937 Ernst, John V.; Chobotar, Bill THE ENDOGENOUS STAGES OF /EIMERIA UTAHENSIS/ (PROTOZOA: EIMERIIDAE) IN THE KANGAROO RAT, /DIPODOMYS ORDII/. J. Parasitol. 64 (1): 27-34. Feb. 1978. WR 170
[Regional Parasite Res. Lab., USDA-ARS-SR, Drawer 952, Auburn, Ala. 36830]

78-003938 Escherich, Peter Carl SOCIAL BIOLOGY OF THE BUSHY-TAILED WOODRAT /NEOTOMA CINEREA/. Ph.D. dissertation, Univ. Calif. (Berkeley) 182p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8): 3584. Feb. 1978. WR 170

78-003939 Fain, A.; Lukoschus, F. S. /DIPODOMYDECTES AMERICANUS/ GEN. ET SP. N. (ACARI: HYPODERIDAE) FROM THE KANGAROO RAT. J. Parasitol. 64 (1): 137-138. Feb. 1978. WR 170
[Inst. Tropical Med., Antwerp, Belgium] /Dipodomys merriami/.

78-003940 Fairbairn, Daphne J. DISPERSAL OF DEER MICE, /PEROMYSCUS MANICULATUS/. PROXIMAL CAUSES AND EFFECTS ON FITNESS. Oecologia (Berl.) 32 (2): 171-193. 3 Feb. 1978. WR 170
[Dep. Zool., Univ. Alberta, Edmonton, Alberta T6G 2E9, Canada]

78-003941 Fleming, Theodore H.; Rauscher, Robert J. ON THE EVOLUTION OF LITTER SIZE IN /PEROMYSCUS LEUCOPUS/. Evolution 32 (1): 45-55. Mar. 1978. WR 170
[Dep. Biol., Univ. Mo., St. Louis 63121]

78-003942 Flueckiger, Bryan; Taves, Don R. LOCOMOTOR ACTIVITY RESPONSE OF /PEROMYSCUS LEUCOPUS/ TO ACCELERATED DAYS. Proc. Indiana Acad. Sci. 86: 453. 1977. Abstract only. WR 170
[Ind. Univ.-Purdue Univ., Fort Wayne 46805]

78-003943 Fulk, George W. FOOD HOARDING OF /BANDICOTA BENGALENSIS/ IN A RICE FIELD. Mammalia 41 (4): 539-541. 1977. In English. WR 170
[Vertebr. Pest Control Cent., University Campus, P.O. Box 8401, Karachi 32, Pakistan]

78-003944 Genest-Villard, H. LES CONDITIONS DU RADIO-TRACKING DE PETITS RONGEURS MYOMORPHES EN FORET EQUATORIALE. [THE CONDITIONS OF RADIO-TRACKING OF SMALL RODENTS IN THE EQUATORIAL FOREST.] Mammalia 41 (4): 523-528. 1977. In French with English summ. WR 170
[Mus. Natl., Hist. Nat., 55 rue de Buffon, 75005 Paris, France] Observations of 9 spp.

78-003945 Gray, Lincoln Clifton THE FEEDING DIVERSITY OF DEER MICE. Ph.D. dissertation, Mich. State Univ. 91p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):2072. Nov. 1977. WR 170
/Peromyscus maniculatus borealis/ and /P. m. blandus/.

78-003946 Grodzinski, W.; Makomaska, M.; Tertil, R.; Weiner, J. BIOENERGETICS AND TOTAL IMPACT OF VOLE POPULATIONS. Oikos 29 (3): 494-510. 1977. In English with Russian summ. WR 170
[Dep. Anim. Ecol., Jagiellonian Univ. 30-060 Krakow, Poland] /Microtus arvalis/.

78-003947 Hafner, John C. EVOLUTIONARY RELATIONSHIPS OF KANGAROO MICE, GENUS /MICRODIPODOPS/. J. Mammal. 59 (2): 354-365. 30 May 1978. WR 170
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720] The seven taxa selected for comparison with two species of /Microdipodops/ include /Perognathus intermedius/, /P. hispidus/, /P. flavus/, /P. longimembris/, /Dipodomys merriami/, /D. ordii/, and /D. panamintinus/.--From abstr.

78-003948 Halpin, Zuleyma Tang; Sullivan, Thomas P. SOCIAL INTERACTIONS IN ISLAND AND MAINLAND POPULATIONS OF THE DEER MOUSE, /PEROMYSCUS MANICULATUS/. J. Mammal. 59 (2): 395-401. 30 May 1978. WR 170
[Dep. Biol., Univ. Mo., St. Louis 63121]

78-003949 Hansson, L. SPATIAL DYNAMICS OF FIELD VOLES /MICROTUS AGRESTIS/ IN HETEROGENEOUS LANDSCAPES. Oikos 29 (3): 539-544. 1977. In English with Russian summ. WR 170
[Dep. Wildl. Ecol., Swedish Univ. Agric. Sci., S-750 07 Uppsala, Sweden]

78-003950 Harrison, Jessica A. CRITERIA FOR SEPARATING FOSSIL AND RECENT SUBGENERA PACKRATS (/NEOTOMA/). Trans. Kans. Acad. Sci. 79 (3&4): 94. 1976. Abstract only. WR 170
[Mus. Nat. Hist., Univ. Kans., Lawrence]

78-003951 Heikura, K. EFFECTS OF CLIMATIC FACTORS ON THE FIELD VOLE /MICROTUS AGRESTIS/. Oikos 29 (3): 607-615. 1977. In English with Russian summ. WR 170
[Dep. Zool., Univ. Oulu, SF-90100 Oulu, Finland]

78-003952 Henttonen, H.; Kaikusalo, A.; Tast, J.; Viitala, J. INTERSPECIFIC COMPETITION BETWEEN SMALL RODENTS IN SUBARCTIC AND BOREAL ECOSYSTEMS. Oikos 29 (3): 581-590. 1977. In English with Russian summ. WR 170
[Kilpisjarvi Biol. Stn., P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland] /Microtus agrestis/, /M. oeconomus/, /Lemmus lemmus/, /Clethrionomys rufocanus/, /C. glareolus/ and /C. rutilus/ in Finland.

78-003953 Herman, T. B. ACTIVITY PATTERNS AND MOVEMENTS OF SUBARCTIC VOLES. Oikos 29 (3): 434-444. 1977. In English with Russian summ. WR 170
[Dep. Zool., Univ. Alberta, Edmonton, Alberta, Canada T6G 2E9] /Clethrionomys gapperi/.

78-003954 Honda, Takeo; Suzuki, Hiroshi; Itoh, Masahiro AN UNUSUAL SEX CHROMOSOME CONSTITUTION FOUND IN THE AMAMI SPINOUS COUNTRY-RAT, /TOKUDAIA OSIMENSIS OSIMENSIS/. Jpn. J. Genet. 52 (3): 247-249. June 1977. WR 170
[Radiation Effects Res. Foundation, Nagasaki, Japan]

78-003955 Howe, Robert Johnston A COMPARATIVE STUDY OF THE SOCIAL BEHAVIOR OF THREE SYMPATRIC SPECIES OF WOODRATS (/NEOTOMA/). Ph.D. dissertation, Northern Ariz. Univ. 140p. 1976. From Diss. Abstr. Int. B Sci. Eng. 38(3):1085. Sept. 1977. WR 170
/Neotoma mexicana/, /N. albigula/ and /N. stephensi/ in Arizona.

78-003956 Huggins, J. A.; McDaniel, V. R. A SYSTEMATIC ANALYSIS OF THE PRAIRIE VOLE, /MICROTUS OCHROGASTER/ (WAGNER), IN ARKANSAS. J. Tenn. Acad. Sci. 53 (2): 73. Apr. 1978. Abstract only. WR 170
[Memphis State Univ., Memphis, Tenn.]

78-003957 Hutto, Richard L. A MECHANISM FOR RESOURCE ALLOCATION AMONG SYMPATRIC HETEROMYID RODENT SPECIES. Oecologia (Berl.) 33 (1): 115-126. 2 Mar. 1978. WR 170
[Dep. Zool., Univ. Mont., Missoula 59812] /Dipodomys ordii/ and /Perognathus flavus/.

78-003958 Jacobs, William W. TASTE RESPONSES IN WILD AND DOMESTIC GUINEA PIGS. Physiol. Behav. 20 (5): 579-588. May 1978. WR 170
[Monell Chem. Senses Cent., Univ. Pa., Philadelphia 19104] /Cavia aperea/ and /C. porcellus/.

78-003959 Jannett, Frederick Joseph, Jr. ON THE SOCIOBIOLOGY OF THE MONTANE VOLE, /MICROTUS MONTANUS NANUS/ (RODENTIA: MURIDAE). Ph.D. dissertation, Cornell Univ. 177p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(10):4681. Apr. 1978. WR 170

78-003960 Jones, Gwilym S.; Whitaker, John O., Jr.; Maser, Chris FOOD HABITS OF JUMPING MICE (/ZAPUS TRINOTATUS/ AND /Z. PRINCEPS/) IN WESTERN NORTH AMERICA. Northwest Sci. 52 (1): 57-60. Feb. 1978. WR 170
[Dep. Life Sci., Ind. State Univ., Terre Haute 47809]

78-003961 Kay, Fenton R.; Whitford Walter G. THE BURROW ENVIRONMENT OF THE BANNER-TAILED KANGAROO RAT, /DIPODOMYS SPECTABILIS/, IN SOUTHCENTRAL NEW MEXICO. Am. Midl. Nat. 99 (2): 270-279. Apr. 1978. WR 170
[Dep. Biol., Calif. State Univ., Los Angeles 90032]

78-003962 Kohn, Peter H.; Tamarin, Robert H. SELECTION AT ELECTROPHORETIC LOCI FOR REPRODUCTIVE PARAMETERS IN ISLAND AND MAINLAND VOLES. Evolution 32 (1): 15-28. Mar. 1978. WR 170
[Tamarin: Dep. Biol., Boston Univ., Boston, Mass. 02215] /Microtus breveri/ and /M. pennsylvanicus/ in Massachusetts.

78-003963 Kondo, Takaki SOCIAL BEHAVIOR OF THE JAPANESE WOOD MOUSE, /APODEMUS SPECIOSUS/ (TEMMINCK ET SCHLEGEL), IN THE FIELD. Jpn. J. Ecol. 27 (4): 301-310. Dec. 1977. WR 170
[Dep. Zool., Kyoto Univ., Kyoto 606, Japan]

78-003964 Lemen, Cliff A.; Rosenzweig, Michael L. MICROHABITAT SELECTION IN TWO SPECIES OF HETEROMYID RODENTS. Oecologia (Berl.) 33 (2): 127-135. 21 Mar. 1978. WR 170
[Div. Mammals, Field Mus. Nat. Hist., Chicago, Ill. 60605] /Dipodomys ordi/ and /Perognathus flavus/ in New Mexico.

78-003965 Llewellyn, Jeffrey B. REPRODUCTIVE PATTERNS IN /PEROMYSCUS TRUEI TRUEI/ IN A PINYON-JUNIPER WOODLAND OF WESTERN NEVADA. J. Mammal. 59 (2): 449-451. 30 May 1978. WR 170
[Dep. Biol., Xavier Univ. La., New Orleans 70125]

78-003966 Llewellyn, Jeffrey Bolton COMPETITION AND COEXISTENCE IN SYMPATRIC POPULATIONS OF /PEROMYSCUS MANICULATUS/ AND /PEROMYSCUS TRUEI/. Ph.D. dissertation, Univ. Nev. 119p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4042. Mar. 1978. WR 170

78-003967 Lusty, Jane A.; Seaton, Brian OESTRUS AND OVULATION IN THE CASIRAGUA /PROECHYMIS GUAIRAE/ (RODENTIA, HYSTRICOMORPHA). J. Zool. (Lond.) 184 (2): 255-265. Feb. 1978. WR 170
[M.R.C. Cyclotron Unit, Hammersmith Hospital, Ducane Rd., London, England]

78-003968 Master, Lawrence Lewis THE EFFECT OF INTERSPECIFIC COMPETITION ON HABITAT UTILIZATION BY TWO SPECIES OF /PEROMYSCUS/. Ph.D. dissertation, Univ. Mich. 191p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(6):2510. Dec. 1977. WR 170
/Peromyscus maniculatus bairdi/ and /P. leucopus noveboracensis/.

78-003969 McDonald, Dennis L.; Forslund, Larry G. THE DEVELOPMENT OF SOCIAL PREFERENCES IN THE VOLES /MICROTUS MONTANUS/ AND /MICROTUS CANICAUDUS/: EFFECTS OF CROSS-FOSTERING. Behav. Biol. 22 (4): 497-508. Apr. 1978. WR 170
[Dep. Gen. Sci., Oreg. State Univ., Corvallis]

78-003970 McMahan, Pamela Jean SEARCH AND CAPTURE TIMES FOR THE PREDATORY GRASSHOPPER MOUSE (/ONYCHOMYS/) IN HABITATS OF DIFFERING COMPLEXITIES. Ph.D. dissertation, Univ. Calif. (Davis) 76p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(6):2511. Dec. 1977. WR 170
/Onychomys torridus/.

78-003971 Meehan, Thomas Edward THE OCCURRENCE, ENERGETIC SIGNIFICANCE AND INITIATION OF SPONTANEOUS TORPOR IN THE GREAT BASIN POCKET MOUSE, /PEROGNATHUS PARVUS/. Ph.D. dissertation, Univ. Calif. (Irvine) 125p. 1976. From Diss. Abstr. Int. B Sci. Eng. 38(11):5169. May 1978. WR 170

78-003972 Moore, Dwight; Heidt, Gary A. DISTRIBUTION OF THE PRAIRIE VOLE, /MICROTUS OCHROGASTER/, IN ARKANSAS. J. Tenn. Acad. Sci. 53 (2): 73. Apr. 1978. Abstract only. WR 170
[Memphis State Univ., Memphis, Tenn.]

78-003973 Muchlinski, Alan; Rybak, Elaine M. ENERGY CONSUMPTION OF RESTING AND HIBERNATING MEADOW JUMPING MICE. J. Mammal. 59 (2): 435-437. 30 May 1978. WR 170
[Mus., Mich. State Univ., East Lansing 48824] /Zapus hudsonius/ in Minnesota.

78-003974 Myllymaki, A. DEMOGRAPHIC MECHANISMS IN THE FLUCTUATING POPULATIONS OF THE FIELD VOLE /MICROTUS AGRESTIS/. Oikos 29 (3): 468-493. 1977. In English with Russian summ. WR 170
[Agric. Res. Cent., SF-01300 Vantaa 30, Finland]

78-003975 Myllymaki, A. INTERACTIONS BETWEEN THE FIELD VOLE /MICROTUS AGRESTIS/ AND ITS MICROTINE COMPETITORS IN CENTRAL-SCANDINAVIAN POPULATIONS. Oikos 29 (3): 570-580. 1977. In English with Russian summ. WR 170
[Agric. Res. Cent., SF-01300 Vantaa, Finland] /Microtus agrestis/, /Clethrionomys glareolus/ and /Arvicola terrestris/.

78-003976 Myllymaki, A. INTRASPECIFIC COMPETITION AND HOME RANGE DYNAMICS IN THE FIELD VOLE /MICROTUS AGRESTIS/. Oikos 29 (3): 553-569. 1977. In English with Russian summ. WR 170
[Agric. Res. Cent., SF-01300 Vantaa, Finland]

78-003977 Neal, B. R. REPRODUCTION OF THE PUNCTATED GRASS-MOUSE, /LEMNISCOMYS STRIATUS/ IN THE RUWENZORI NATIONAL PARK, UGANDA (RODENTIA: MURIDAE). Zool. Afr. 12 (2): 419-428. 1977. WR 170
[Dep. Biol., Univ. Saskatchewan, Saskatoon, Saskatchewan, Canada]

78-003978 Nelson, Thomas W.; Shump, Karl A., Jr. CRANIAL VARIATION AND SIZE ALLOMETRY IN /AGOUTI PACA/ FROM ECUADOR. J. Mammal. 59 (2): 387-394. 30 May 1978. WR 170
[Mus., Mich. State Univ., East Lansing 48824]

78-003979 Nielsen, J. T.; Moller, M. INNERVATION OF THE PINEAL GLAND IN THE MONGOLIAN GERBIL (/MERIONES UNGUICULATUS/). A FLUORESCENCE MICROSCOPIAL STUDY. Cell Tissue Res. 187 (2): 235-250. 24 Feb. 1978. WR 170
[Anatomy Dep., Univ. Copenhagen, Copenhagen, Denmark]

78-003980 Pembleton, Edward F.; Baker, Robert J. STUDIES OF A CONTACT ZONE BETWEEN CHROMOSOMALLY CHARACTERIZED POPULATIONS OF /GEOMYS BURSARIUS/. J. Mammal. 59 (2): 233-242. 30 May 1978. WR 170
[Mus. Sci. & History, Little Rock, Ark. 72202]

78-003981 Pence, D. B.; Hollhagen, T.; Swindle, B. CHOLELITHIASIS IN THE COTTONRAT, /SIGMODON HISPIDUS/, FROM THE HIGH PLAINS OF TEXAS. J. Wildl. Dis. 14 (2): 208-211. Apr. 1978. WR 170
[Dep. Pathol., Tex. Tech Univ. Health Sci. Cent., Lubbock 79409]

78-003982 Peshev, Tsolo; Belcheva, Rossitsa BANDING PATTERNS OF THE WATER VOLE (/ARVICOLA TERRESTRIS/ L., RODENTIA, MAMMALIA) CHROMOSOMES. Zool. Anz. 200 (1/2): 132-140. 1978. WR 170
[Dep. Zool., Univ. Sofia, 49 Moskowska Str., Sofia, Bulgaria]

78-003983 Petter, F. LES RATS A MAMELLES MULTIPLES D'AFRIQUE OCCIDENTALE ET CENTRALE: /MASTOMYS ERYTHROLEUCUS/ (TEMMINCK, 1853) ET /M. HUBERTI/ (WROUGHTON, 1908). [THE MULTIMAMMATE RATS OF WEST AND CENTRAL AFRICA: /MASTOMYS ERYTHROLEUCUS/ AND /M. HUBERTI/.] Mammalia 41 (4): 441-444. 1977. In French with English summ. WR 170
[Mus. Natl. Hist. Nat., 55 rue de Buffon, 75005 Paris, France]

78-003984 Petterborg, Larry J. EFFECT OF PHOTOPERIOD ON BODY WEIGHT IN THE VOLE, /MICROTUS MONTANUS/. Can. J. Zool. 56 (3): 431-435. Mar. 1978. In English with French summ. WR 170
[Univ. Tex. Health Sci. Cent., 7703 Floyd Curl Dr., San Antonio 78281]

78-003985 Pettifer, H. L.; Nel, J. A. J. HOARDING IN FOUR SOUTHERN AFRICAN RODENT SPECIES. Zool. Afr. 12 (2): 409-418. 1977. WR 170
[Div. Nat. Conserv., Transvaal Provincial Administration, Private Bag X209, Pretoria 0001, South Africa] /Saccostomus campestris/, /Desmodillus auricularis/, /Tatera brantsii/ and /T. leucogaster/.

78-003986 Porter, Richard H.; Wyrick, Michael; Pankey, Jan SIBLING RECOGNITION IN SPINY MICE (/ACOMYS CAHIRINUS/). Behav. Ecol. Sociobiol. 3 (1): 61-68. 27 Jan. 1978. WR 170
[George Peabody Coll. for Teachers, Nashville, Tenn. 37203]

78-003987 Prentice, Robert C.; Sheperd, Benjamin A. FOLLICULAR DYNAMICS AND SERUM ESTROGEN LEVELS IN /MICROTUS OCHROGASTER OCHROGASTER/. Trans. Mo. Acad. Sci. 10 & 11: 326. 1977. Abstract only. WR 170
[Southern Ill. Univ., Carbondale 62901]

78-003988 Price, Phyllis K.; Kennedy, Michael L. ELECTROPHORETIC PATTERNS OF /OCHROTOMYS NUTTALLI/ AND FOUR SPECIES OF /PEROMYSCUS/. J. Tenn. Acad. Sci. 53 (2): 73. Apr. 1978. Abstract only. WR 170
[Memphis State Univ., Memphis, Tenn.]

78-003989 Randall, Jan A. BEHAVIORAL MECHANISMS OF HABITAT SEGREGATION BETWEEN SYMPATRIC SPECIES OF /MICROTUS/: HABITAT PREFERENCE AND INTERSPECIFIC DOMINANCE. Behav. Ecol. Sociobiol. 3 (2): 187-202. 3 Apr. 1978. WR 170
[Dep. Psychol., Univ. Tex., Austin 78712] /Microtus montanus/ and /M. longicaudus/ in Washington.

78-003990 Randall, Janet Ann HABITAT PREFERENCE AND INTERSPECIFIC DOMINANCE AS MECHANISMS OF HABITAT SEGREGATION BETWEEN TWO SYMPATRIC SPECIES OF /MICROTUS/. Ph.D. dissertation, Wash. State Univ. 61p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(6):2574. Dec. 1977. WR 170
/Microtus montanus/ and /M. longicaudus/ in Washington.

78-003991 Real, Leslie Allan BEHAVIOR ASPECTS OF PREDATION AND RESOURCE ALLOCATION. Ph.D. dissertation, Univ. Mich. 86p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(3):1037. Sept. 1977. WR 170
/Peromyscus maniculatus/.

78-003992 Robbins, Robert John TASTE AVERSION LEARNING IN /PEROMYSCUS/. Ph.D. dissertation, Mich. State Univ. 222p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(3):1086. Sept. 1977. WR 170

78-003993 Rosen, Richard Curtis METABOLIC ECOLOGY OF /MICROTUS PENNSYLVANICUS/ AND /MICROTUS CHROTORRHINUS/. Ph.D. dissertation, Univ. Vt. 105p. 1978. From Diss. Abstr. Int. B Sci. Eng. 38(10): 4683. Apr. 1978. WR 170

78-003994 Rossolimo, O. L. ECOLOGICAL ANALYSIS OF SIMILARITY IN GEOGRAPHIC SPECIES VARIATION. Sov. J. Ecol. (Engl. Transl. Ekologiya) 8 (3): 249-254. May-June 1977. Translated from Ekologiya no. 3: 71-77. May-June 1977. WR 170
/Clethrionomys rutilus/, /C. rufocanus/, /Arvicola terrestris/ and /Microtus oeconomus/.

78-003995 Schadler, Margaret Horsfall REPRODUCTIVE PATTERNS AND EFFECTS OF POPULATION DENSITY ON REPRODUCTION IN THE PINE MOUSE, /MICROTUS PINETORUM/. Ph.D. dissertation, Union Coll. 182p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4019. Mar. 1978. WR 170

78-003996 Schnell, Gary D.; Best, Troy L.; Kennedy, Michael L. INTERSPECIFIC MORPHOLOGIC VARIATION IN KANGAROO RATS (/DIPODOMYS/): DEGREE OF CONCORDANCE WITH GENIC VARIATION. Syst. Zool. 27 (1): 34-48. Mar. 1978. WR 170
[Dep. Zool., Univ. Okla., Norman 73019] Data for 24 taxa.

78-003997 Schonewald, Christine Micheline TEMPORAL PATTERNS OF COURTSHIP IN A CAVIOMORPH RODENT, THE GREEN ACOUCHI (/MYOPROCTA PRATTI/ POCOCK). Ph.D. dissertation, Univ. Md. 225p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4112. Mar. 1978. WR 170

78-003998 Shump, Karl A., Jr. TEMPERATURES OF SPINY POCKET MICE (/LIOMYS PICTUS/). Trans. Kans. Acad. Sci. 78 (3&4): 171-172. 1975. WR 170
[Mus., Mich. State Univ., East Lansing 48824]

78-003999 Sloane, Sarah A.; Shea, Sandra L.; Procter, Melissa Miley; Dewsbury, Donald A. VISUAL CLIFF PERFORMANCE IN 10 SPECIES OF MUROID RODENTS. Anim. Learning Behav. 6 (2): 244-248. May 1978. WR 170
[Dewsbury: Univ. Fla., Gainesville 32611]

78-004000 Sokolov, V. E.; Khotolkhu, N.; Orlov, V. N. [THE FIRST FINDINGS OF /EUCHOREUTES NASO/ SCLATER, 1890 IN THE GOBI DESERT (MONGOLIA).] Zool. Zh. 57 (4): 625-628. Apr. 1978. In Russian with English summ. WR 170
[Inst. Anim. Evolutionary Morphol. & Ecol., USSR Acad. Sci., Moscow, USSR]

78-004001 Stalling, (Dick)ie Turner ASPECTS OF THE BEHAVIOR, ECOLOGY AND PHYSIOLOGY OF THE RICE RAT /ORYZOMYS PALUSTRIS/. Ph.D. dissertation, Univ. Okla. 188p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(4):1607. Oct. 1977. WR 170

78-004002 Stebbins, Lucius L. SOME ASPECTS OF OVERWINTERING IN /PEROMYSCUS MANICULATUS/. Can. J. Zool. 56 (3): 386-390. Mar. 1978. In English with French summ. WR 170
[Dep. Biol. Sci., Univ. Lethbridge, Lethbridge, Alberta, Canada T1K 3M4]

78-004003 Stenseth, N. C. EVOLUTIONARY ASPECTS OF DEMOGRAPHIC CYCLES: THE RELEVANCE OF SOME MODELS OF CYCLES FOR MICROTINE FLUCTUATIONS. Oikos 29 (3): 525-538. 1977. In English with Russian summ. WR 170
[Zool. Inst., Univ. Oslo, P.O. Box 1050, Blindern, Oslo 3, Norway]

78-004004 Stenseth, N. C.; Hansson, L.; Hyllymaki, A. FOOD SELECTION OF THE FIELD VOLE /MICROTUS AGRESTIS/. Oikos 29 (3): 511-524. 1977. In English with Russian summ. WR 170
[Zool. Inst., Univ. Oslo, P.O. Box 1050, Blindern, Oslo 3, Norway]

78-004005 Stenseth, N. C.; Hansson, L.; Hyllymaki, A.; Andersson, M; Katila, J. GENERAL MODELS FOR THE POPULATION DYNAMICS OF THE FIELD VOLE /MICROTUS AGRESTIS/ IN CENTRAL SCANDINAVIA. Oikos 29 (3): 616-642. 1977. In English with Russian summ. WR 170
[Zool. Inst., Univ. Oslo, P.O. Box 1050, Blindern, Oslo 3, Norway]

78-004006 Stenseth, N. C. MODELLING THE POPULATION DYNAMICS OF VOLES: MODELS AS RESEARCH TOOLS. Oikos 29 (3): 449-456. 1977. In English with Russian summ. WR 170
[Zool. Inst., Univ. Oslo, P.O. Box 1050, Blindern, Oslo 3, Norway] /Microtus agrestis/.

78-004007 Tamarin, Robert H. DEMOGRAPHY OF THE BEACH VOLE (/MICROTUS BREWERI/) AND THE MEADOW VOLE (/MICROTUS PENNSYLVANICUS/) IN SOUTHEASTERN MASSACHUSETTS. Ecology 58 (6): 1310-1321. 1977. WR 170
[Biol. Dep., Boston Univ., Boston, Mass. 02215]

78-004008 Terman, Max R. INTERACTIONS BETWEEN THE PRAIRIE VOLE AND COTTON RAT: RESULTS FROM FIELD AND LABORATORY STUDIES. Trans. Kans. Acad. Sci. 79 (3&4): 121. 1976. Abstract only. WR 170
[Dep. Biol., Tabor Coll., Hillsboro, Kans.] /Microtus ochrogaster/ and /Sigmodon hispidus/ in Kansas.

78-004009 Van Der Straeten, E.; Van Der Straeten-Harrie, B. ETUDE DE LA BIOMETRIE CRANIENNE ET DE LA REPARTITION D'/APODEMUS SYLVATICUS/ (LINNAEUS, 1758) ET D'/APODEMUS FLAVICOLLIS/ (MELCHIOR, 1834) EN BELGIQUE. [STUDY OF CRANIAL BIOMETRY AND DISTRIBUTION OF /APODEMUS SYLVATICUS/ AND /APODEMUS FLAVICOLLIS/ IN BELGIUM.] Acta Zool. Pathol. Antverpiensia no. 69. p. 169-182. Dec. 1977. In French with Dutch and English summ. WR 170
[Rijks Univ. Cent., Antwerp., B-2020 Antwerp, Belgium]

78-004010 Van Deusen, Marie; Kaufman, Donald W. HABITAT DISTRIBUTION OF /PEROMYSCUS LEUCOPUS/ WITHIN PRAIRIE WOODS. Trans. Kans. Acad. Sci. 80 (3&4): 151-154. 1977. WR 170
[Dep. Biol. Sci., State Univ. N.Y., Binghamton 13901]

78-004011 Vestal, Bedford M.; Hellack, Jenna J. COMPARISON OF NEIGHBOR RECOGNITION IN TWO SPECIES OF DEER MICE (/PEROMYSCUS/). J. Mammal. 59 (2): 339-346. 30 May 1978. WR 170
[Okla. City Zoo, Oklahoma City] /Peromyscus leucopus noveboracensis/ and /P. maniculatus ozarkius/.

78-004012 Volkov, V. i.; Ershov, N. E. [CORRELATION PROGNOSIS OF THE POPULATION NUMBERS OF /CLETHRIONOMYS RUFOCANUS/ IN THE AMUR TERRITORY.] Zool. Zh. 57 (4): 587-596. Apr. 1978. In Russian with English summ. WR 170
[Res. Inst. Epidemiol. & Microbiol., Khabarovsk, USSR]

78-004013 Wason, Anil; Johnson, Sylvester A NEW GENUS OF HYMENOLEPID CESTODES FROM THE INDIAN GERBIL, /TATERA INDICA/. J. Helminthol. 51 (4): 309-312. Dec. 1977. WR 170
[Dep. Zool., Univ. Jodhpur, Jodhpur 342001, India]

78-004014 Weilert, M. Geoffrey; Shump, Karl A., Jr. PHYSICAL PARAMETERS OF /MICROTUS/ NEST CONSTRUCTION. Trans. Kans. Acad. Sci. 79 (3&4): 161. 1976. WR 170
[Mus., Mich. State Univ., East Lansing 48824] /Microtus pennsylvanicus/ in Michigan.

78-004015 Wiger, R. SOME PATHOLOGICAL EFFECTS OF ENDOPARASITES ON RODENTS WITH SPECIAL REFERENCE TO THE POPULATION ECOLOGY OF MICROTINES. Oikos 29 (3): 598-606. 1977. In English with Russian summ. WR 170
[Zool. Inst., Univ. Oslo, P.O. Box 1050, Blindern, Oslo 3, Norway] /Microtus agrestis/.

78-004016 Wilhelm, Dallas Eugene, Jr. ZOOGEOGRAPHIC AND EVOLUTIONARY RELATIONSHIPS OF SELECTED POPULATIONS OF /MICROTUS MEXICANUS/. Ph.D. dissertation, Tex. Tech Univ. 90p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3592. Feb. 1978. WR 170

78-004017 Woolard, Penny; Vestjens, W. J. M.; MacLean, L. THE ECOLOGY OF THE EASTERN WATER RAT /HYDROMYS CHRYSOGASTER/ AT GRIFFITH, N.S.W.: FOOD AND FEEDING HABITS. Aust. Wildl. Res. 5 (1): 59-73. Mar. 1978. WR 170
[Div. Wildl. Res., CSIRO, Box 54, Lyneham, A.C.T. 2602, Australia]

78-004018 Wooten, Michael C.; Dew, Roger D.; Kennedy, Michael L. ACTIVITY PATTERNS OF THE PAINTED POCKET MOUSE, /LIOMYS PICTUS/. J. Tenn. Acad. Sci. 53 (2): 72. Apr. 1978. Abstract only. WR 170
[Memphis State Univ., Memphis, Tenn.]

78-004019 Zavaleeva, D. D.; Taran, G. I. [TO THE STUDY OF /MICROTUS ARVALIS/ PALL. FAUNA IN CRIMEA.] Biol. Nauki (Mosc.) 1977 (12): 50-52. Dec. 1977. In Russian. WR 170

CARNIVORES--GENERAL

78-004020 Cadot, Meade TWO TRACKS DIVERGED. N.H. Audubon Annu. 1978: 15-22. 1978. WR 170
/Lynx rufus/ and /Martes pennanti/ in New Hampshire.

78-004021 Langley, P. J. W.; Yalden, D. W. THE DECLINE OF THE RARER CARNIVORES IN GREAT BRITAIN DURING THE NINETEENTH CENTURY. Mammal Rev. 7 (3/4): 95-116. Sept./Dec. 1977. WR 170
[Dep. Zool., Univ. Manchester, Manchester M13 9PL, England] /Mustela putorius/, /Martes martes/, and /Felis silvestris/.

CANIDS

78-004022 Adams, Clark E. AGES OF HUNTER-KILLED COYOTES IN SOUTHEASTERN NEBRASKA. J. Wildl. Manage. 42 (2): 425-426. Apr. 1978. WR 170
[Biol. Dep., Concordia Coll., Seward, Nebr. 68434] /Canis latrans/.

78-004023 Appel, George; Olsen, John; Lasley, Bill CLINICAL, ANATOMICAL AND HORMONAL OBSERVATIONS ON THE GENITAL TRACT OF A SOUTH AFRICAN BLACK-BACKED JACKAL (/CANIS MESOMELAS MESOMELAS/). Zool. Gart. 48 (1): 65-68. 1978. In English. WR 170
[Veterinary Invest. Lab., Box 191, Kericho, Kenya]

78-004024 Baer, C. Harold; Severson, Richard E.; Linhart, Samuel B. LIVE CAPTURE OF COYOTES FROM A HELICOPTER WITH KETAMINE HYDROCHLORIDE. J. Wildl. Manage. 42 (2): 452-454. Apr. 1978. WR 170
[Denver Wildl. Res. Cent., Bldg. 16, Federal Center, Lakewood, Colo. 80225] /Canis latrans/.

78-004025 Bearder, Simon K. FEEDING HABITS OF SPOTTED HYAENAS IN A WOODLAND HABITAT. East Afr. Wildl. J. 15 (4): 263-280. Dec. 1977. In English with French summ. WR 170
['Mosdene' P.O. Box 28, Naboomspruit 0560, Transvaal, South Africa] /Crocuta crocuta/ in South Africa.

78-004026 Beebe, Brenda Faye COMPARATIVE SKELETAL ANALYSES OF GENUS /DUSICYON/ (SOUTH AMERICAN CANIDAE) WITH SPECIAL CONSIDERATION OF LATE PLEISTOCENE /DUSICYON SECHURAE/ FROM TAR-SEEP DEPOSITS OF TALARA, PERU, AND SALINAS, ECUADOR. Ph.D. dissertation, Univ. Toronto 1976. From Diss. Abstr. Int. B Sci. Eng. 38(10):4678. Apr. 1978. WR 170

78-004027 Boggess, Edward K.; Henderson, F. Robert REGIONAL WEIGHTS OF KANSAS COYOTES. Trans. Kans. Acad. Sci. 80 (182): 79-80. 1977. WR 170
[Coop. Ext. Serv., Kans. State Univ., Manhattan 66506] /Canis latrans/.

78-004028 Conder, George A.; Loveless, Raymond M. PARASITES OF THE COYOTE (/CANIS LATRANS/) IN CENTRAL UTAH. J. Wildl. Dis. 14 (2): 247-249. Apr. 1978. WR 170
[Dep. Zool., Brigham Young Univ., Provo, Utah 84602]

78-004029 Connolly, Guy E. THE VALUE OF POPULATION DYNAMICS MODELS IN COYOTE MANAGEMENT. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 93-103. July 1977. WR 170
[Denver Wildl. Res. Cent., Denver, Colo.] /Canis latrans/.

78-004030 Cook, Adrian Gaylon MORPHOLOGY OF THE FOX OVARY. Ph.D. dissertation, Univ. Ga. 138p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(3):1082. Sept. 1977. WR 170
/Urocyon cinereoargenteus/.

78-004031 Croft, J. D.; Hone, L. J. THE STOMACH CONTENTS OF FOXES, /VULPES VULPES/, COLLECTED IN NEW SOUTH WALES. Aust. Wildl. Res. 5 (1): 85-92. Mar. 1978. WR 170
[Agric. Res. Stn., Cowra, New South Wales 2794, Australia]

78-004032 Davis, Donald S.; Robinson, R. M.; Craig, T. M. NATURALLY OCCURRING HEPATOZOONOSIS IN A COYOTE. J. Wildl. Dis. 14 (2): 244-246. Apr. 1978. WR 170
[Dep. Veterinary Public Health, Tex. A&M Univ., College Station 77843] /Canis latrans/ in Texas.

78-004033 Franson, J. Christian; Jorgenson, Richard D.; Boggess, Edward K.; Greve, John H. GASTROINTESTINAL PARASITISM OF IOWA COYOTES IN RELATION TO AGE. J. Parasitol. 64 (2): 303-305. Apr. 1978. WR 170
[Dep. Veterinary Pathol., Iowa State Univ., Ames 50011] /Canis latrans/.

78-004034 Fuller, Todd K. VARIABLE HOME-RANGE SIZES OF FEMALE GRAY FOXES. J. Mammal. 59 (2): 446-449. 30 May 1978. WR 170
[Dep. Wildl. Ecol., Univ. Wis., Madison 53706] /Urocyon cinereoargenteus/ in California.

78-004035 Gates, N. L.; Rich, J. E.; Godtel, D. D.; Hulet, C. V. DEVELOPMENT AND EVALUATION OF ANTI-COYOTE ELECTRIC FENCING. J. Range Manage. 31 (2): 151-153. Mar. 1978. WR 170
[U.S. Sheep Exp. Stn., Dubois, Idaho 83423] /Canis latrans/.

78-004036 Gier, H. T. POPULATION FLUCTUATION IN COYOTES. Trans. Kans. Acad. Sci. 79 (3&4): 86. 1976. Abstract only. WR 170
[Kans. State Univ., Manhattan] /Canis latrans/.

78-004037 Henderson, F. Robert COYOTE DAMAGE CONTROL. Trans. Kans. Acad. Sci. 79 (384): 87-88. 1976. Abstract only. WR 170
[Kans. State Univ., Manhattan] /Canis latrans/.

78-004038 Kauffeld, Jon David AVAILABILITY OF NATURAL PREY AND ITS RELATIONSHIP TO COYOTE PREDATION ON DOMESTIC SHEEP. M.S. thesis, Univ. Nev. 156p. Mar. 1977. From Masters Abstracts 16(1), Mar. 1978. WR 170
/Canis latrans/.

78-004039 Litvaitis, John Anthony MOVEMENTS AND HABITAT USE OF COYOTES ON THE WICHITA MOUNTAINS NATIONAL WILDLIFE REFUGE. M.S. thesis, Okla. State Univ. viii + 70p. May 1978. WR 170
/Canis latrans/ in Oklahoma.

78-004040 Mahan, Brian R.; Gier, H. T. AGE STRUCTURE AND REPRODUCTIVE SUCCESS OF COYOTES (/CANIS LATRANS/) IN ILLINOIS. Trans. Mo. Acad. Sci. 10 & 11: 326. 1977. Abstract only. WR 170
[Univ. Nebr. State Mus., Lincoln 68588]

78-004041 Morris, P. A.; Malcolm, J. R. THE SIMIEN FOX IN THE BALE MOUNTAINS. Oryx 14 (2): 151-160. Dec. 1977. WR 170
[Royal Holloway Coll., Englefield Green, Surrey TW20 9TY, England] /Canus simensis/ in Ethiopia.

78-004042 Pearson, Erwin W. A 1974 COYOTE HARVEST ESTIMATE FOR 17 WESTERN STATES. Wildl. Soc. Bull. 6 (1): 25-32. 1978. WR 170
[Denver Wildl. Res. Cent., Denver, Colo. 80225] /Canis latrans/.

78-004043 Prickett, R. J. SOME OBSERVATIONS ON THE SPOTTED HYAENA /CROCUTA CROCUTA/ IN FOREST AREAS PART 1. East Afr. Nat. Hist. Soc. Bull. p. 26-30. Mar./Apr. 1977. WR 170
[P.O. Box 792, Nyeri, Kenya]

78-004044 Prickett, R. J. SOME OBSERVATIONS ON THE SPOTTED HYAENA IN FOREST AREAS PART 2. East Afr. Nat. Hist. Soc. Bull. p. 52-57. May/June 1977. WR 170
[P.O. Box 792, Nyeri, Kenya] /Crocuta crocuta/.

78-004045 Reynolds, J. P. BAT-EARED FOX CUBS BEING SUCKLED BY TWO FEMALES. East Afr. Nat. Hist. Soc. Bull. p. 58. May/June 1977. WR 170
[P.O. Box 40584, Nairobi, Kenya] /Otocyon megalotis/ in Kenya.

78-004046 Roberts, Jerry D. VARIATION IN COYOTE AGE DETERMINATION FROM ANNULI IN DIFFERENT TEETH. J. Wildl. Manage. 42 (2): 454-456. Apr. 1978. WR 170
[Denver Wildl. Res. Cent., Denver, Colo. 80225] /Canis latrans/.

78-004047 Rudnai, Judith A. NOTE ON WILD DOG /LYCAON PICTUS/ SIGHTING. East Afr. Nat. Hist. Soc. Bull. p. 32. Mar./Apr. 1977. WR 170
[P.O. Box 15516, Nairobi, Kenya]

78-004048 Samuel, W. M.; Chalmers, G. A.; Gunson, J. R. ORAL PAPILLOMATOSIS IN COYOTES (/CANIS LATRANS/) AND WOLVES (/CANIS LUPUS/) OF ALBERTA. J. Wildl. Dis. 14 (2): 165-169. Apr. 1978. WR 170
[Dep. Zool., Univ. Alberta, Edmonton, Alberta T6G 2E9, Canada]

78-004049 Scott, M. Douglas; Causey, M. Keith PREVALENCE OF LEPTOSPIROSIS AND TULAREMIA IN ALABAMA FERAL AND FREE-RANGING DOGS. J. Ala. Acad. Sci. 49 (1): 58-61. Jan. 1978. WR 170
[Inst. Appl. Res., Mont. State Univ., Bozeman 59717]

78-004050 Segal', A. M.; Popovich, T. V. SIZE OF BODY AND INTERNAL ORGANS OF ARCTIC FOX IN CHUKOTKA. Sov. J. Ecol. (Engl. Transl. Ekologiya) 8 (4): 364-365. May 1978. Translated from Ekologiya no. 4:93-94. July-Aug. 1977. WR 170
[Transbaikalian Sci.-Res. Inst. of Sheep Raising, Chita, USSR]

78-004051 Spencer, Dwight L. COYOTE MOVEMENTS AND LONGEVITY. Trans. Kans. Acad. Sci. 79 (3&4): 88. 1976. Abstract only. WR 170
[Dep. Biol., Emporia Kans. State Coll., Emporia] /Canis latrans/ in Kansas.

78-004052 Springer, Joseph Tucker MOVEMENT PATTERNS OF COYOTES IN SOUTH-CENTRAL WASHINGTON AS DETERMINED BY RADIO TELEMETRY. Ph.D. dissertation, Wash. State Univ. 120p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(6):2513. Dec. 1977. WR 170
/Canis latrans/.

78-004053 Swan, Tom KANSAS COYOTE SURVEY AND LEGAL STATUS OF THE KANSAS COYOTE. Trans. Kans. Acad. Sci. 79 (3&4): 88. 1976. Abstract only. WR 170
[Kans. Forestry, Fish & Game Comm., Independence] /Canis latrans/.

78-004054 Theberge, John B.; Oosenbrug, Sebastian M.; Pimlott, Douglas H. SITE AND SEASONAL VARIATIONS IN FOOD OF WOLVES, ALGONQUIN PARK, ONTARIO. Can. Field-Nat. 92 (1): 91-94. Jan.-Mar. 1978. WR 170
[Dep. Biol., Univ. Waterloo, Waterloo, Ontario N2L 3G1, Canada] /Canis lupus/.

78-004055 Thompson, Bruce C. FENCE-CROSSING BEHAVIOR EXHIBITED BY COYOTES. Wildl. Soc. Bull. 6 (1): 14-17. 1978. WR 170
[204 E. 14th St., The Dalles, Oreg. 97058] /Canis latrans/.

78-004056 White, Tom WOLVES ON THE SOUTHERN SASKATCHEWAN BORDER. Blue Jay 36 (1): 54. Mar. 1978. WR 170
[2580 Retallack St., Regina, Saskatchewan S4T 2L4, Canada] /Canis lupus/.

BEARS

78-004057 Crum, James M.; Nettles, Victor F.; Davidson, William R. STUDIES ON ENDOPARASITES OF THE BLACK BEAR (/URSUS AMERICANUS/) IN THE SOUTHEASTERN UNITED STATES. J. Wildl. Dis. 14 (2): 178-186. Apr. 1978. WR 170
[Southeastern Coop. Wildl. Dis. Study, Univ. Ga., Athens 30602]

78-004058 Cumbaa, Stephen L.; Sciscenti, J. V. NOTES ON SIX CRANIA OF THE GRIZZLY BEAR, /URSUS ARCTOS/, FROM THE CYPRESS HILLS REGION OF SASKATCHEWAN AND ALBERTA. J. Mammal. 59 (2): 431-433. 30 May 1978. WR 170
[Zooarchaeol. Identification Cent., 491 Bank St., Natl. Mus. Nat. Sci., Ottawa, Ontario, Canada K1A 0M8]

78-004059 Elgmork, Kare HUMAN IMPACT ON A BROWN BEAR POPULATION (/URSUS ARCTOS/ L.). Biol. Conserv. 13 (2): 81-103. Feb. 1978. WR 170
[Zool. Inst., Univ. Oslo, P.O. Box 1050, Blindern, Oslo 3, Norway]

78-004060 Gunson, John R. BLACK BEARS AND BEEHIVES IN ALBERTA. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 182-192. July 1977. WR 170
[Alberta Fish & Wildl. Div., Edmonton, Alberta, T5K 2E1 Canada] /Ursus americanus/.

78-004061 Harms, Dale R. BLACK BEAR MANAGEMENT IN YOSEMITE NATIONAL PARK. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 159-181. July 1977. WR 170
[Yosemite Natl. Park, Calif.] /Ursus americanus/ in California.

78-004062 Home, W. S. COLOR CHANGE IN A GROWING BLACK BEAR. Murrelet 58 (3): 79. 1977. WR 170
[Dep. Biol. Sci., Univ. Alaska, Fairbanks 99701] /Ursus americanus/ in Alaska.

78-004063 Kolz, A. Lawrence; Roop, Larry J.; Greer, Kenneth R. DEATH OF A RADIO-MARKED GRIZZLY. J. Wildl. Manage. 42 (2): 462. Apr. 1978. WR 170
[Denver Wildl. Res. Cent., Denver, Colo. 80225] /Ursus arctos horribilis/ in Wyoming.

78-004064 Lutzyuk, O. B. [A CONTRIBUTION TO THE BIOLOGY OF THE POLAR BEAR ON THE VRANGEL ISLAND DURING THE SUMMER-AUTUMN PERIOD.] Zool. Zh. 57 (4): 597-603. Apr. 1978. In Russian with English summ. WR 170
[Inst. Biol. Problems, Far East Sci. Cent., USSR Acad. Sci., Magadan, USSR] /Ursus maritimus/.

78-004065 Poelker, Richard J.; Parsons, Lowell D. BLACK BEAR HUNTING TO REDUCE FOREST DAMAGE. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 193-194. July 1977. Abstract only. WR 170
[Wash. State Dep. Game, 600 N. Capitol Way, Olympia 98504] /Ursus americanus/ in Washington.

78-004066 Rutherglen, R. A.; Herbison, B. MOVEMENTS OF NUISANCE BLACK BEARS (/URSUS AMERICANUS/) IN SOUTHEASTERN BRITISH COLUMBIA. Can. Field-Nat. 91 (4): 419-422. Oct.-Dec. 1977. WR 170
[Herbison: Argenta, British Columbia V0G 1B0, Canada]

RACCOONS, RINGTAIL, COATI

78-004067 Allsbrooks, Donald W.; Dew, Roger D.; Kennedy, Michael L. POPULATION DENSITIES OF THE RACCOON, /PROCYON LOTOR/. J. Tenn. Acad. Sci. 53 (2): 72. Apr. 1978. Abstract only. WR 170
[Memphis State Univ., Memphis, Tenn.]

78-004068 Custer, Randy W.; Bush, Mitchell; Smeller, Johanna M.; Smith, Elizabeth E. CLINICAL EXPERIENCE WITH DISSOCIATIVE ANESTHETICS IN LESSER PANDAS (/AILURUS FULGENS/): HEMATOLOGY AND BLOOD CHEMISTRY VALUES. J. Zoo Anim. Med. 9 (1): 22-28. Mar. 1978. WR 170
[Natl. Zoo. Park, Smithsonian Inst., Washington, D.C. 20008]

78-004069 Dew, Roger D.; Kennedy, Michael L. INTERLOCALITY VARIABILITY IN BIOCHEMICAL CHARACTERS OF THE RACCOON, /PROCYON LOTOR/. J. Tenn. Acad. Sci. 53 (2): 72. Apr. 1978. Abstract only. WR 170
[Memphis State Univ., Memphis, Tenn.]

78-004070 Eberhard, Mark L. /DIROFILARIA CANCRIVORI/ SP. N. (NEMATODA: FILARIOIDEA) FROM THE CRABDOG, /PROCYON CANCRIVORUS/, IN GUYANA. J. Parasitol. 64 (1): 123-126. Feb. 1978. WR 170
[Delta Regional Primate Res. Cent., Covington, La. 70433]

78-004071 Fritzell, Erik K. ASPECTS OF RACCOON (/PROCYON LOTOR/) SOCIAL ORGANIZATION. Can. J. Zool. 56 (2): 260-271. Feb. 1978. In English with French summ. WR 170
[Northern Prairie Wildl. Res. Cent., Jamestown, N. Dak. 58401]

78-004072 Lehman, Larry E. POPULATION ECOLOGY OF THE RACCOON ON THE JASPER-PULASKI WILDLIFE STUDY AREA. Indiana Dep. Nat. Resour. P.-R. Bull. no. 9. viii + 97p. Nov. 1977. WR 170

78-004073 Lotze, Joerg-Henner; Fleischman, Alan I. THE RACCOON (/PROCYON LOTOR/) ON ST. CATHERINES ISLAND, GEORGIA. 1. BIOCHEMICAL PARAMETERS OF URINE AND BLOOD SERUM. Am. Mus. Novit. no. 2644. p. 1-5. 9 Feb. 1978. Price 70 cents. WR 170
[Fairleigh Dickinson Univ., Rutherford, N.J.]

78-004074 Monge, Eduardo; Arroyo, Ronald; Solano, Eiler A NEW DEFINITIVE NATURAL HOST OF /ANGIOSTRONGYLUS COSTARICENSIS/ (MORERA AND CESPEDES 1971). J. Parasitol. 64 (1): 34. Feb. 1978. WR 170
[Univ. Costa Rica, San Jose, Costa Rica] /Nasua narica bullata/.

78-004075 Sanger, V. L.; Bicknell, E. J.; Trapp, A. L.; Roege, E.; Roberts, W.; Langham, R. F. VIRAL INCLUSIONS IN RACCOON LIVER CELLS. J. Wildl. Dis. 14 (2): 240-243. Apr. 1978. WR 170
[Dep. Pathol., Mich. State Univ., East Lansing 48824] /Procyon lotor/ from Michigan and Arizona.

MUSTELIDS

78-004076 Bisaillon, Andre; Pierard, Jean ALBINISME CHEZ UNE MOUFFETTE RAYEE (/MEPHITIS MEPHITIS/, SCHREBER). [ALBINISM IN THE STRIPED SKUNK /MEPHITIS MEPHITIS/.] Nat. Can. (Que.). 105 (1): 51-52. Jan.-Feb. 1978. In French. WR 170
[Dep. Anatomy & Anim. Physiol., Univ. Montreal, St.-Hyacinthe, Quebec, Canada]

78-004077 Campbell, William C.; Blair, Lyndia Slayton /DIROFILARIA IMMITIS/: EXPERIMENTAL INFECTIONS IN THE FERRET (/MUSTELA PUTORIUS FURO/). J. Parasitol. 64 (1): 119-122. Feb. 1978. WR 170
[Merck Inst. Therapeutic Res., Rahway, N.J. 07065]

78-004078 Costa, Daniel THE SEA OTTER: ITS INTERACTION WITH MAN. Oceanus 21 (2): 24-30. 1978. WR 170
[Scripps Inst. Oceanogr., Univ. Calif., San Diego] /Enhydra lutris/.

78-004079 Foresman, Kerry R.; Mead, Rodney A. LUTEAL CONTROL OF NIDATION IN THE FERRET (/MUSTELA PUTORIUS/). Biol. Reprod. 18 (3): 490-496. Apr. 1978. WR 170
[Dep. Biol. Sci., Univ. Idaho, Moscow 83843]

78-004080 Kelly, George Michael FISHER (/MARTES PENNANTI/) BIOLOGY IN THE WHITE MOUNTAIN NATIONAL FOREST AND ADJACENT AREAS. Ph.D. dissertation, Univ. Mass. 192p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(4):1484. Oct. 1977. WR 170

78-004081 Lewis, J. W. A POPULATION STUDY OF THE METASTRONGYLID NEMATODE /SKRJABINGYLUS NASICOLA/ IN THE WEASEL /MUSTELA NIVALIS/. J. Zool. (Lond.) 184 (2): 225-229. Feb. 1978. WR 170
[Dep. Zool., Royal Holloway Coll., Univ. London, Englefield Green, Surrey, England]

78-004082 Lindzey, Frederick G. MOVEMENT PATTERNS OF BADGERS IN NORTHWESTERN UTAH. J. Wildl. Manage. 42 (2): 418-422. Apr. 1978. WR 170
[Dep. Wildl. Sci., Utah State Univ., Logan 84322] /Taxidea taxus/.

78-004083 Loughlin, Thomas Richard ACTIVITY PATTERNS, HABITAT PARTITIONING, AND GROOMING BEHAVIOR OF THE SEA OTTER, /ENHYDRA LUTRIS/, IN CALIFORNIA. Ph.D. dissertation, Univ. Calif. (Los Angeles) 124p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):2073. Nov. 1977. WR 170

78-004084 Mead, Rodney A.; Swannack, Ann EFFECTS OF HYSTERECTOMY ON LUTEAL FUNCTION IN THE WESTERN SPOTTED SKUNK (/SPILOGALE PUTORIUS LATIFRONS/). Biol. Reprod. 18 (3): 379-383. Apr. 1978. WR 170
[Dep. Biol. Sci., Univ. Idaho, Moscow 83843]

78-004085 Miller, Daniel J. STATUS OF THE SEA OTTER POPULATION IN CALIFORNIA AND POTENTIAL MANAGEMENT OF OTTER AND SHELLFISH RESOURCES. Cal-Neva Wildl. Trans. 1977: 38-48. 1977. Copies available from The Wildlife Society, 4606 San Marino Drive, Davis, Calif. 95616. WR 170
[Calif. Dep. Fish & Game, Monterey] /Enhydra lutris/.

78-004086 Rilling, G. THE DIET OF THE RATEL. East Afr. Nat. Hist. Soc. Bull. p. 116. Sept./Oct. 1977. WR 170
[P.O. Box 40469, Nairobi, Kenya] /Mellivora capensis/ in Tanzania.

78-004087 Simenstad, Charles A.; Estes, James A.; Kenyon, Karl W. ALEUTS, SEA OTTERS, AND ALTERNATE STABLE-STATE COMMUNITIES. Science 200 (4340): 403-411. 28 Apr. 1978. WR 170
[Fisheries Res. Inst., Univ. Wash., Seattle 98195] /Enhydra lutris/.

78-004088 Swan, Tom ADDITIONAL RECORDS OF THE LEAST WEASEL IN KANSAS. Trans. Kans. Acad. Sci. 80 (3&4): 159-160. 1977. WR 170
[Kans. Forestry, Fish & Game Commission, Mound City] /Mustela nivalis/.

78-004089 Taylor, Roy L.; Gough, Barry NEW SIGHTING OF SEA OTTER REPORTED FOR QUEEN CHARLOTTE ISLANDS. Syesis 10: 177. 1977. WR 170
[Botanical Garden, Univ. British Columbia, Vancouver, British Columbia, Canada V6T 1W5] /Enhydra lutris/.

CATS

78-004090 Charsley, G. CANNIBALISM IN ADULT LEOPARD. Zool. Afr. 12 (2): 508. 1977. WR 170
[Dep. Natl. Parks & Wildl. Manage., Box 8365, Causeway, Rhodesia] /Panthera pardus/ in Rhodesia.

78-004091 Fernex, M. LE LYNX ET SA REINTRODUCTION EN FRANCE. [THE LYNX AND ITS REINTRODUCTION IN FRANCE.] Rev. For. Fr. 29 (5): 397-402. 1977. In French. WR 170
[Group Lynx, 68480 Biederthal, France] /Lynx lynx/.

78-004092 Freeman, Helen; Hutchins, Michael CAPTIVE MANAGEMENT OF SNOW LEOPARD CUBS. Zool. Gart. 48 (1): 49-62. 1978. In English. WR 170
[Woodland Park Zool. Gardens, Seattle, Wash. 98103] /Uncia uncia/.

78-004093 Fritts, Steven H.; Sealander, John A. REPRODUCTIVE BIOLOGY AND POPULATION CHARACTERISTICS OF BOBCATS (/LYNX RUFUS/) IN ARKANSAS. J. Mammal. 59 (2): 347-353. 30 May 1978. WR 170
[Bell Mus. Nat. Hist., 10 Church St., S.E., Univ. Minn., Minneapolis 55455]

78-004094 Hockman, J. Gregory; Chapman, Joseph A.; Pursley, Duane RECENT RECORDS OF BOBCATS (/LYNX RUFUS/) FROM MARYLAND. Proc. Pa. Acad. Sci. 51 (2): 185-186. 1977. WR 170
[Cent. Environ. & Estuarine Studies, Univ. Md., Frostburg 21532]

78-004095 Marchessaux, D. NOTE SUR LA PRESENCE DU TIGRE, /PANTHERA TIGRIS VIRGATA/ (ILLIGER, 1815) EN TURQUIE. [NOTE ON THE ANCIENT OCCURRENCE OF THE TIGER /PANTHERA TIGRIS VIRGATA/ IN TURKEY.] Mammalia 41 (4): 541-542. 1977. In French. WR 170
[Villa Tsarouki, Chemin des Trois Moulins, 13100 Aix-en-Provence, France]

78-004096 Mollel, C. L. A PROBABLE CASE OF ANTHRAX IN A SERENGETI LIONESS. East Afr. Wildl. J. 15 (4): 331. Dec. 1977. WR 170
[Serengeti Res. Inst., P.O. Seronera, via Arusha, Tanzania] /Panthera leo/.

78-004097 Rilling, Jerry LION KILLING CHEETAH. East Afr. Nat. Hist. Soc. Bull. p. 82. July/Aug. 1977. WR 170
[P.O. Box 284, Arusha, Tanzania] /Panthera leo/ and /Acinonyx jubatus/ in Tanzania.

78-004098 Stone, Jeanne E.; Pence, Danny B. ECOLOGY OF HELMINTH PARASITISM IN THE BOBCAT FROM WEST TEXAS. J. Parasitol. 64 (2): 295-302. Apr. 1978. WR 170
[Coll. Environ. Sci. & Forestry, State Univ. N.Y., Syracuse 13210] /Felis rufus/.

OTHER CARNIVORES

78-004099 Acharjyo, L. N.; Mohapatra, S. LONGEVITY OF TWO SPECIES OF INDIAN MONGOOSES IN CAPTIVITY. J. Bombay Nat. Hist. Soc. 73 (3): 522-523. Dec. 1976. WR 170
[Nandankanan Biol. Park, P.O. Barang, Dist. Cuttack, India] /Herpestes auropunctatus/--9 years 8 months; /H. urva/--12 years (est.).

78-004100 Townsend, Simon SOME NOTES ON A PAIR OF CAPTIVE COMMON GENETS. East Afr. Nat. Hist. Soc. Bull. p. 126-129. Nov./Dec. 1977. WR 170
[13 Parkstone Ave., Pascoe Vale South, Victoria 3044, Australia] /Genetta genetta/.

MARINE MAMMALS

78-004101 Anderson, Paul K.; Birtles, Alastair BEHAVIOUR AND ECOLOGY OF THE DUGONG, /DUGONG DUGON/ (SIRENIA): OBSERVATIONS IN SHOALWATER AND CLEVELAND BAYS, QUEENSLAND. Aust. Wildl. Res. 5 (1): 1-23. Mar. 1978. WR 170
[Dep. Biol., Univ. Calgary, Calgary, Alberta, Canada T2N 1N4]

78-004102 Anderson, Paul K.; Heinsohn, George E. THE STATUS OF THE DUGONG, AND DUGONG HUNTING IN AUSTRALIAN WATERS: A SURVEY OF LOCAL PERCEPTIONS. Biol. Conserv. 13 (1): 13-26. Jan. 1978. WR 170
[Dep. Biol., Univ., Calgary, Calgary, Alberta, Canada T2N 1N4] /Dugong dugon/ in Australia.

78-004103 Beamish, Peter EVIDENCE THAT A CAPTIVE HUMPBACK WHALE (/MEGAPTERA NOVAEANGLIAE/) DOES NOT USE SONAR. Deep-Sea Res. 25 (5): 469-472. May 1978. WR 170
[Marine Ecol. Lab., Bedford Inst. Oceanogr., Dartmouth, Nova Scotia B2Y 4A2, Canada]

78-004104 Berkes, Fikret TURKISH DOLPHIN FISHERIES. Oryx 14 (2): 163-167. Dec. 1977. WR 170
[Interdisciplinary Studies, Concordia Univ., Montreal, Canada] /Delphinus delphis/, /Tursiops truncatus/ and /Phocoena phocoena/.

78-004105 Bryden, M. M.; Harrison, R. J.; Lear, R. J. SOME ASPECTS OF THE BIOLOGY OF /PEPONOCEPHALA ELECTRA/ (CETACEA: DELPHINIDAE). I. GENERAL AND REPRODUCTIVE BIOLOGY. Aust. J. Mar. Freshwater Res. 28 (6): 703-715. Dec. 1977. WR 170
[School of Anatomy, Univ. Queensland, St. Lucia, Queensland 4067, Australia]

78-004106 Cannon, L. R. G. SOME ASPECTS OF THE BIOLOGY OF /PEPONOCEPHALA ELECTRA/ (CETACEA: DELPHINIDAE). II. PARASITES. Aust. J. Mar. Freshwater Res. 28 (6): 717-722. Dec. 1977. WR 170
[Queensland Mus., Fortitude Valley, Brisbane, Queensland 4006, Australia]

78-004107 Christenson, T. E.; Le Boeuf, B. J. AGGRESSION IN THE FEMALE NORTHERN ELEPHANT SEAL, /MIROUNGA ANGUSTIROSTRIS/. Behaviour 64 (1-2): 158-172. Jan. 1978. In English with German summ. WR 170
[Dep. Psychol., Univ. Calif., Berkeley]

78-004108 Condy, P. R.; van Aarde, R. J.; Bester, M. N. THE SEASONAL OCCURRENCE AND BEHAVIOUR OF KILLER WHALES /ORCINUS ORCA/, AT MARION ISLAND. J. Zool. (Lond.) 184 (4): 449-464. Apr. 1978. WR 170
[Mammal Res. Inst., Univ. Pretoria, Pretoria 0002, South Africa]

78-004109 Crawley, M. C. THE NATURAL HISTORY OF THE NEW ZEALAND FUR SEAL, /ARCTOCEPHALUS FORSTERI/ (LESSON 1828). Proc. N.Z. Ecol. Soc. 23: 121-122. 1976. WR 170
[Dep. Zool., Univ. Canterbury, Christchurch, New Zealand]

78-004110 D'Angelo, Guy ATLANTIC SIGHTINGS. Whalewatcher 11 (2): 8. 1977. WR 170
Sightings of dolphins are summarized.

78-004111 DeMaster, Douglas P. CALCULATION OF THE AVERAGE AGE OF SEXUAL MATURITY IN MARINE MAMMALS. J. Fish. Res. Board Can. 35 (6): 912-915. June 1978. In English with French summ. WR 170
[Dep. Ecol. & Behav. Biol., Univ. Minn., Minneapolis 55455]

78-004112 Drescher, H. Eberhard UEBER DEN FUND EINER RINGELROBBE, /PHOCA HISPIDA/, AN DER NORDSEEKUESTE VON SCHLESWIG-HOLSTEIN. [ON A RECORD OF A RINGED SEAL, /PHOCA HISPIDA/, FROM THE NORTH SEA COAST OF SCHLESWIG-HOLSTEIN.] Zool. Anz. 200 (1/2): 141-144. 1978. In German with English summ. WR 170
[Christian-Albrechts-Univ. Kiel, Olshausenstrasse 40-60, D-2300 Kiel, West Germany]

78-004113 Dziedzic, Albin; Alcuri, Gustavo RECONNAISSANCE ACOUSTIQUE DES FORMES ET CARACTERISTIQUES DES SIGNAUX SONARS CHEZ /TURSIOPS TRUNCATUS/, FAMILLE DES DELPHINIDES. [SHAPE ACOUSTICAL RECOGNITION BY THE DOLPHIN /T. TRUNCATUS/ AND ASSOCIATED VARIATIONS OF THE PARAMETERS OF THE EMITTED SIGNALS.] C. R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat. 285 (9): 981-984. 17 Oct. 1977. In French with English summ. WR 170
/Tursiops truncatus/.

78-004114 Evans, Charles D.; Underwood, Larry S. HOW MANY BOWHEADS? Oceanus 21 (2): 17-23. 1978. WR 170
[Arctic Environ. Inf. & Data Cent., Univ. Alaska, Anchorage]
/Balaena mysticetus/.

78-004115 Fitter, Richard SUICIDE OF THE WHALING INDUSTRY. Oryx 14 (2): 109-110. Dec. 1977. WR 170

78-004116 Fletemeyer, John R. LAMINAE IN THE TEETH OF THE CAPE FUR SEAL USED FOR AGE DETERMINATION. Life Sci. 22 (8): 695-698. Feb. 1978. WR 170
[Dep. Archeol., Univ. Cape Town, Cape Town, South Afrcia]
/Arctocephalus pusillus/ in South Africa.

78-004117 Ford, John K. B.; Fisher, H. Dean UNDERWATER ACOUSTIC SIGNALS OF THE NARWHAL (/MONODON MONOCEROS/). Can. J. Zool. 56 (4): 552-560. Apr. 1978. In English with French summ. WR 170
[Dep. Zool., Univ. British Columbia, Vancouver, British Columbia, Canada V6T 1W5]

78-004118 Geraci, Joseph R. THE ENIGMA OF MARINE MAMMAL STRANDINGS. Oceanus 21 (2): 38-47. 1978. WR 170
[Dep. Pathol., Ontario Veterinary Coll., Guelph, Ontario, Canada]

78-004119 Harestad, Alton SEASONAL ABUNDANCE OF NORTHERN SEA LIONS, /EUMETOPIAS JUBATUS/ (SCHREIBER), AT MCINNES ISLAND, BRITISH COLUMBIA. Syesis 10: 173-174. 1977. WR 170
[Faculty Forestry, Univ. British Columbia, Vancouver, British Columbia, Canada V6T 1W5]

78-004120 Holt, Sidney COMMENTARY: CHANGING ATTITUDES TOWARD MARINE MAMMALS. Oceanus 21 (2): 2-8. 1978. WR 170
[FAO, Dep. Fisheries, Rome, Italy]

78-004121 Hunter, Leon; Nadin, S. H. CLINICAL BLOOD VALUES OF THE NORTHERN FUR SEAL, /CALLORHINUS URSINUS/. III. COMPARISON OF EYE FLUID AND SERUM VALUES. J. Wildl. Dis. 14 (2): 176-177. Apr. 1978. WR 170
[Naval Biosci. Lab., Univ. Calif. Naval Supply Cent., Oakland 94625]

78-004122 Kolesnik, Yu. A.; Timofeeva, A. A.; Pomikalov, V. G.; Chupakhina, T. I. [CORRELATION AND SPECTRAL ANALYSIS OF POPULATION NUMBERS OF THE FUR SEAL ON THE TYULENIY ISLAND (SEA OF OKHOTSK).] Zool. Zh. 57 (1): 115-123. Jan. 1978. In Russian with English summ. WR 170
[Pacific Res. Inst. Marine Fisheries & Oceanogr., Vladivostok, USSR]

78-004123 Leatherwood, Stephen; Gilbert, James R.; Chapman, Douglas G. AN EVALUATION OF SOME TECHNIQUES FOR AERIAL CENSUSES OF BOTTLENOSED DOLPHINS. J. Wildl. Manage. 42 (2): 239-250. Apr. 1978. WR 170
[Undersea Sci. Dep., Naval Ocean Systems Cent., San Diego, Calif. 92152] /Tursiops truncatus/

78-004124 Loughlin, Thomas R. HARBOR SEALS IN AND ADJACENT TO HUMBOLDT BAY, CALIFORNIA. Calif. Fish Game 64 (2): 127-132. Apr. 1978. WR 170
[Marine Mammals & Endangered Species, Natl. Marine Fisheries Serv., Washington, D.C. 20235] /Phoca vitulina/.

78-004125 Lowry, Lloyd F.; Frost, Kathryn J.; Burns, John J. FOOD OF RINGED SEALS AND BOWHEAD WHALES NEAR POINT BARROW, ALASKA. Can. Field-Nat. 92 (1): 67-70. Jan.-Mar. 1978. WR 170
[Alaska Dep. Fish & Game, Fairbanks 99701] /Phoca (Pusa) hispida/ and /Balaena mysticetus/.

78-004126 Marchessaux, D.; Duguy, R. LE PHOQUE MOINE, /MONACHUS MONACHUS/ (HERMANN, 1779), EN GRECE. [THE MONK SEAL /MONACHUS MONACHUS/ IN GREECE.] Mammalia 41 (4): 419-439. 1977. In French with English summ. WR 170
[Cent. Etudes Mammiferes Marins, 28 rue Albert 1, 17000 La Rochele, France]

78-004127 Mattlin, R. H. POPULATION STRUCTURE OF A BREEDING COLONY OF NEW ZEALAND FUR SEALS (/ARCTOCEPHALUS FORSTERI/). Proc. N.Z. Ecol. Soc. 23: 120-121. 1976. Abstract only. WR 170
[Dep. Zool., Univ. Canterbury, Christchurch, New Zealand]

78-004128 Parker, D. A. A. OBSERVATIONS OF WHALES ON ANARE VOYAGES BETWEEN AUSTRALIA AND ANTARCTICA. Aust. Wildl. Res. 5 (1): 25-39. Mar. 1978. WR 170
[Antarctic Div., Dep. Sci., 568 St. Kilda Rd., Melbourne, Victoria 3004, Australia] "Baleen and Toothed."

78-004129 Ponganis, Paul J.; Pierce, Richard W. MUSCLE METABOLIC PROFILES AND FIBER-TYPE COMPOSITION IN SOME MARINE MAMMALS. Comp. Biochem. Physiol. B Comp. Biochem. 59 (2): 99-102. 1978. WR 170
[Quillen 11-1, Escondido Village, Stanford, Calif. 94305] /Zalophus californianus/, /Enhydra lutris/ and /Lagenorhynchus obliquidens/.

78-004130 Powell, James A., Jr. EVIDENCE OF CARNIVORY IN MANATEES (/TRICHECHUS MANATUS/). J. Mammal. 59 (2): 442. 30 May 1978. WR 170
[Natl. Fish & Wildl. Lab., Gainesville Field Stn., 412 NE 16th Ave., Gainesville, Fla. 32601]

78-004131 Pryor, Karen; Norris, Kenneth S. THE TUNA/PORPOISE PROBLEM: BEHAVIORAL ASPECTS. Oceanus 21 (2): 31-37. 1978. WR 170

78-004132 Puppione, Donald L. SERUM LIPOPROTEINS IN TWO SPECIES OF PHOCIDS (/PHOCA VITULINA/ AND /MIROUNGA ANGUSTIROSTRIS/) DURING ALIMENTARY LIPEMIA. Comp. Biochem. Physiol. A Comp. Physiol. 59 (2): 127-132. 1978. WR 170
[School Public Health, Univ. Calif., Los Angeles 90024]

78-004133 Ray, G. Carleton; Dobbin, James A.; Salm, Rodney V. STRATEGIES FOR PROTECTING MARINE MAMMAL HABITATS. Oceanus 21 (2): 55-67. 1978. WR 170
[Dep. Pathobiol., Johns Hopkins Univ., Baltimore, Md.]

78-004134 Ross, Graham J. B.; Shaughnessy, Peter D.; Best, Peter B. NEW RECORDS OF CRABEATER SEALS (/LOBODON CARCINOPHAGUS/) FROM SOUTH AFRICA. Ann. S. Afr. Mus. 75 (6): 153-158. Mar. 1978. WR 170
[Port Elizabeth Mus., Port Elizabeth, South Africa]

78-004135 Ryan, Paul R. MARINE MAMMALS--A GUIDE FOR READERS. Oceanus 21 (2): 9-16. 1978. WR 170

78-004136 Schusterman, Ronald J.; Moore, Patrick W. THE UPPER LIMIT OF UNDERWATER AUDITORY FREQUENCY DISCRIMINATION IN THE CALIFORNIA SEA LION. J. Acoust. Soc. Am. 63 (5): 1591-1595. May 1978. WR 170
[Dep. Psychol. & Biol., Calif. State Univ., Hayward 94542] /Zalophus californianus/.

78-004137 Shane, Susan SUCKERFISH ATTACHED TO A BOTTLENOSE DOLPHIN IN TEXAS. J. Mammal. 59 (2): 439-440. 30 May 1978. WR 170
[Univ. Tex., Marine Sci. Inst., Port Aransas 78373] /Tursiops truncatus/.

78-004138 Shults, Larry M. /PRICETREMA PHOCAE/ AND /PRICETREMA EUMETOPII/ SPP.N. (TREMATODA: HETEROPHYIDAE) FROM PINNIPEDS IN NORTH PACIFIC. Can. J. Zool. 56 (3): 382-385. Mar. 1978. In English with French summ. WR 170
[Inst. Marine Sci., Univ. Alaska, Fairbanks 99701] /Phoca vitulina richardsi/ and /Eumetopias jubatus/.

78-004139 Sprague, Jan G.; Miller, Nancy Burnett; Sumich, James L. OBSERVATIONS OF GRAY WHALES IN LAGUNA DE SAN QUINTIN, NORTHWESTERN BAJA CALIFORNIA, MEXICO. J. Mammal. 59 (2): 425-427. 30 May 1978. WR 170
[General Delivery, Palomar Mt., Calif. 92060] /Eschrichtius robustus/.

78-004140 Watkins, William A. A RADIO TAG FOR BIG WHALES. Oceanus 21 (2): 48-54. 1978. WR 170
[Woods Hole Oceanographic Inst., Woods Hole, Mass. 02543]

78-004141 White, Stephen B.; Griese, Herman J. NOTES ON LENGTHS, WEIGHTS, AND MORTALITY OF GRAY WHALE CALVES. J. Mammal. 59 (2): 440-441. 30 May 1978. WR 170
[Ohio Coop. Wildl. Res. Unit, Ohio State Univ., Columbus 43210] /Eschrichtius robustus/ in Mexico.

78-004142 Wursig, Bernd OCCURRENCE AND GROUP ORGANIZATION OF ATLANTIC BOTTLENOSE PORPOISES (/TURSIOPS TRUNCATUS/) IN AN ARGENTINE BAY. Biol. Bull. 154 (2): 348-359. Apr. 1978. WR 170
[State Univ. N.Y., Stony Brook 11794]

78-004143 Power, G.; Gregoire, Jean PREDATION BY FRESHWATER SEALS ON THE FISH COMMUNITY OF LOWER SEAL LAKE, QUEBEC. J. Fish. Res. Board Can. 35 (6): 844-850. June 1978. In English with French summ. WR 170
[Dep. Biol., Univ. Waterloo, Waterloo, Ontario N2L 3G1, Canada] /Phoca vitulina/.

UNGULATES--GENERAL

78-004144 Bryant, Frederick Cordus BOTANICAL AND NUTRITIVE CONTENT IN DIETS OF SHEEP, ANGORA GOATS, SPANISH GOATS, AND DEER GRAZING A COMMON PASTURE. Ph.D. dissertation, Tex. A&M Univ. 103p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3495. Feb. 1978. WR 170

78-004145 Cohen, J. A. SPECIES IDENTIFICATION AND AGE CLASSIFICATION OF THE JAWS OF SOME COMMON INDIAN UNGULATES NEAR MUDUMALAI WILDLIFE SANCTUARY. J. Bombay Nat. Hist. Soc. 74 (2): 246-248. Aug. 1977. WR 170
[Inst. for the Study of Aniaml Problems, Humane Soc. U.S., Washington, D.C.] /Bos taurus/, /Bubalus bubalus/, /Axis axis/ and /Cervus unicolor/.

78-004146 El-Nouty, F. D.; Yousef, M. K.; Magdub, A. B.; Tollerton, A. J.; Johnson, H. D. THYROID GLAND ACTIVITY IN CAMELIDAE AND EQUIDAE UNDER SOME ENVIRONMENTAL CONDITIONS. Trans. Mo. Acad. Sci. 10 & 11: 252. 1977. Abstract only WR 170
[Univ. Mo., Columbia]

78-004147 Fadeev, E. V. [THE HOOFED ANIMALS OF THE MIDDLE-RUSSIAN HILLS.] Biol. Nauki (Mosc.) 1977 (11): 70-77. Nov. 1977. In Russian. WR 170
/Sus scrofa/, /Alces alces/ and /Capreolus capreolus/.

78-004148 Greaves, W. S. THE JAW LEVER SYSTEM IN UNGULATES: A NEW MODEL. J. Zool. (Lond.) 184 (2): 271-285. Feb. 1978. WR 170
[Univ. Ill. Med. Cent., Chicago]

78-004149 Hansen, Richard M. USE OF DUNG PH TO DIFFERENTIATE HERBIVORE SPECIES. J. Wildl. Manage. 42 (2): 441-444. Apr. 1978. WR 170
[Range Sci. Dep., Colo. State Univ., Fort Collins 80523]
/Odocoileus hemionus/, /Equus caballus/ and /Oryx gazella/.

78-004150 Mahan, Brian R. HARASSMENT OF AN ELK CALF BY BISON. Can. Field-Nat. 91 (4): 418-419. Oct.-Dec. 1977. WR 170
[Univ. Nebr. State Mus., Lincoln 68588] /Cervus elaphus/ and /Bison bison/.

78-004151 Pojar, Thomas M. USE OF A POPULATION MODEL IN BIG GAME MANAGEMENT. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 82-92. July 1977. WR 170
[Colo. Div. Wildl., Fort Collins 80522 /Odocoileus hemionus/, /Cervus canadensis/ and /Antilocapra americana/ in Colorado.

78-004152 Pursley, Dan ILLEGAL BIG GAME HARVEST DURING CLOSED SEASON. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 67-71. July 1977. WR 170
[N. Mex. Dep. Game & Fish, Santa Fe 87501]

78-004153 Simpson, Anne M.; Webster, A. J. F.; Smith, J. S.; Simpson, C. A. THE EFFICIENCY OF UTILIZATION OF DIETARY ENERGY FOR GROWTH IN SHEEP (/OVIS OVIS/) AND RED DEER (/CERVUS ELAPHUS/). Comp. Biochem. Physiol. A Comp. Physiol. 59 (1): 95-99. 1978. WR 170
[Rowett Res. Inst., Greenburn Rd., Bucksburn, Aberdeen AB2 9SB, Scotland]

78-004154 Storrar, J. A.; Hudson, R. J.; Salter, R. E. HABITAT USE BEHAVIOUR OF FERAL HORSES AND SPATIAL RELATIONSHIPS WITH MOOSE IN CENTRAL BRITISH COLUMBIA. Syesis 10: 39-44. 1977. WR 170
[Western Coll. Veterinary Med., Saskatoon, Saskatchewan, Canada S7N 0W0] /Equus caballus/ and /Alces alces andersoni/.

78-004155 Taylor, M. G. MINIMISING INJURIES WHEN CRATING GAME. Lammergeyer 24: 44. Mar. 1978. WR 170
[Natal Parks Board, P.O. Box 662, Pietermaritzburg, 3200 South Africa]

78-004156 Telfer, Edmund S. CERVID DISTRIBUTION, BROWSE AND SNOW COVER IN ALBERTA. J. Wildl. Manage. 42 (2): 352-361. Apr. 1978. WR 170
[Canadian Wildl. Serv., 1110-10025 Jasper Ave., Edmonton, Alberta T5J 1S6, Canada] /Alces alces/, /Cervus canadensis/, /Odocoileus hemionus/ and /O. virginianus/.

78-004157 Williams, Gary Leroy SIMULATION MODELING OF BIG GAME AT WICHITA MOUNTAINS WILDLIFE REFUGE. Ph.D. dissertation, Colo. State Univ. 263p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(10):4560. Apr. 1978. WR 170
"Certain aspects of the population ecology of herds of bison (/Bison bison/), elk (/Cervus canadensis/), white-tailed deer (/Odocoileus virginianus/), and Texas longhorn cattle (/Bos taurus/) inhabiting the Wichita Mountains Wildlife Refuge in southwestern Oklahoma were investigated by analyzing data contained in existing refuge reports and related documents."

CERVIDS--GENERAL

78-004158 Olmsted, Charles Edward III THE EFFECT OF LARGE HERBIVORES ON ASPEN IN ROCKY MOUNTAIN NATIONAL PARK. Ph.D. dissertation, Univ. Colo. 155p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):2022. Nov. 1977. WR 170
/Cervus canadensis/ and /Odocoileus hemionus/.

ODOCOILEUS

78-004159 Anderson, Roger C. THE INFLUENCE OF DEER ON THE STRUCTURE AND COMPOSITION OF HEMLOCK FORESTS. Trans. Mo. Acad. Sci. 10 & 11: 280. 1977. Abstract only. WR 170
[Ill. State Univ., Normal 61761] /Odocoileus virginianus/.

78-004160 Brenner, Fred J.; Musaus, Mark J. SELECTIVITY OF BROWSE SPECIES BY WHITE-TAILED DEER ON STRIP-MINE LANDS IN MERCER COUNTY, PENNSYLVANIA. Proc. Pa. Acad. Sci. 51 (2): 105-108. 1977. WR 170
[Biol. Dep., Grove City Coll., Grove City, Pa. 16127] /Odocoileus virginianus/.

78-004161 DeYoung, Charles Allen DEER RANGE APPRAISAL BASED ON VEGETATION STRUCTURE. Ph.D. dissertation, Colo. State Univ. 97p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(7):2975. Jan. 1978. WR 170
/Odocoileus hemionus/ in Colorado.

78-004162 Goldberg, Jennie S.; Haas, Wendy INTERACTIONS BETWEEN MULE DEER DAMS AND THEIR RADIO-COLLARED AND UNMARKED FAWNS. J. Wildl. Manage. 42 (2): 422-425. Apr. 1978. WR 170
[Colo. Div. Wildl., Box 2287, Fort Collins 80522] /Odocoileus hemionus hemionus/.

78-004163 Hansen, Christopher Stanley SOCIAL COSTS OF MICHIGAN'S DEER HABITAT IMPROVEMENT PROGRAM. Ph.D. dissertation, Univ. Mich. 195p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(3):980. Sept. 1977. WR 170
/Odocoileus virginianus/.

78-004164 Holl, Stephen A. THE RELATIONSHIP BETWEEN DOE CONDITION AND FETAL GROWTH IN MULE DEER. Cal-Neva Wildl. Trans. 1977: 1-9. 1977. Copies available from The Wildlife Society, 4606 San Marino Drive, Davis, Calif. 95616. WR 170
[105 Beverly Dr., Clovis, Calif.] /Odocoileus hemionus californicus/ in California.

78-004165 Leckenby, Donavin A. MANAGEMENT OF MULE DEER AND THEIR HABITAT: APPLYING CONCEPTS OF BEHAVIOR, PHYSIOLOGY, AND MICROCLIMATE. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 206-217. July 1977. WR 170
[Oreg. Dep. Fish & Wildl., Portland 97208] /Odocoileus hemionus/.

78-004166 Pederson, Jordan C.; Harper, K. T. FACTORS INFLUENCING PRODUCTIVITY OF TWO MULE DEER HERDS IN UTAH. J. Range Manage. 31 (2) : 105-110. Mar. 1978. WR 170
[Utah Div. Wildl. Resour., Springville 84663] /Odocoileus hemionus/.

78-004167 Pederson, Jordan C. OCCURRENCE OF TICKS ON MULE DEER IN CENTRAL UTAH. Great Basin Nat. 37 (3): 407-409. 30 Sept. 1977. WR 170
[Utah Div. Wildl. Resour., 1115 North Main, Springville, Utah 84663] /Odocoileus hemionus/.

78-004168 Platt, Thomas R.; Samuel, W. M. A REDESCRIPTION AND NEOTYPE DESIGNATION FOR /PARELAPHOSTRONGYLUS ODOCOILEI/ (NEMATODA: METASTRONGYLOIDEA). J. Parasitol. 64 (2): 226-232. Apr. 1978. WR 170
[Dep. Zool., Univ. Alberta, Edmonton, Alberta, Canada T6G 2E9] /Odocoileus h. hemionus/ and /O. h. columbianus/.

78-004169 Puglisi, Michael J.; Lisinsky, Stephen A.; Harlow, Richard F. AN IMPROVED METHODOLOGY OF RUMEN CONTENT ANALYSIS FOR WHITE-TAILED DEER. J. Wildl. Manage. 42 (2): 397-403. Apr. 1978. WR 170
[Pa. Coop. Wildl. Res. Unit, Pa. State Univ., University Park 16802] /Odocoileus virginianus/.

78-004170 Schneegas, Edward R.; Rumstead, Roger S. DECLINE OF WESTERN MULE DEER POPULATIONS: PROBABLE CAUSE, TENTATIVE SOLUTION. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 218-237. July 1977. WR 170
[U.S. Forest Service, Missoula, Mont.] /Odocoileus hemionus/.

78-004171 Springer, Marlin David THE INFLUENCE OF PRESCRIBED BURNING ON NUTRITION IN WHITE-TAILED DEER ON THE COASTAL PLAIN OF TEXAS. Ph.D. dissertation, Tex. A&M Univ. 103p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3490. Feb. 1978. WR 170
/Odocoileus virginianus/.

78-004172 Stocker, M.; Gilbert, F. F. VEGETATION AND DEER HABITAT RELATIONS IN SOUTHERN ONTARIO: APPLICATION OF HABITAT CLASSIFICATION TO WHITE-TAILED DEER. J. Appl. Ecol. 14 (2): 433-444. Aug. 1977. WR 170
[Inst. Anim. Res. Ecol., Univ. British Columbia, Vancouver, British Columbia, Canada] /Odocoileus virginianus/.

78-004173 Stocker, M.; Gilbert, F. F.; Smith, D. W. VEGETATION AND DEER HABITAT RELATIONS IN SOUTHERN ONTARIO: CLASSIFICATION OF HABITAT TYPES. J. Appl. Ecol. 14 (2): 419-432. Aug. 1977. WR 170
[Inst. Anim. Res. Ecol., Univ. British Columbia, Vancouver, British Columbia, Canada] /Odocoileus virginianus/.

78-004174 Theberge, John B. EVALUATION OF THE WINTER RANGE OF WHITE-TAILED DEER IN POINT PELEE NATIONAL PARK, ONTARIO. Can. Field-Nat. 92 (1): 19-23. Jan.-Mar. 1978. WR 170
[Univ Waterloo, Waterloo, Ontario N2L 3G1, Canada] /Odocoileus virginianus/.

78-004175 Towell, Dale E. RECIPROCAL FOREHEAD RUB OBSERVED IN MULE DEER. Murrelet 59 (1): 33-35. 1978. WR 170
[Forest Serv., Range & Wildl. Habitat Lab., La Grande, Oreg. 97850] /Odocoileus hemionus hemionus/ in Oregon.

OTHER CERVIDS

78-004176 Allen, Eugene O. A NEW PERSPECTIVE FOR ELK HABITAT MANAGEMENT. Proc. Annu. Conf. West. Assoc. State Game Fish Comm. 57: 195-205. July 1977. WR 170
[Mont. Dep. Fish & Game, Helena 59601] /Cervus canadensis/.

78-004177 Andreev, V. N. STATE OF WORLD REINDEER BREEDING AND ITS CLASSIFICATION. Sov. J. Ecol. (Engl. Transl. Ekologiya) 8 (4): 291-295. May 1978. Translated from Ekologiya no. 4:5-10. July-Aug. 1977. WR 170
[Inst. Biol. Yakutsk Branch Siberian Dep., Acad. Sci. USSR, USSR] /Rangifer tarandus/.

78-004178 Batcheler, C. L.; McLennan, M. J. CRANIOMETRIC STUDY OF ALLOMETRY, ADAPTATION AND HYBRIDISM OF RED DEER (/CERVUS ELAPHUS SCOTICUS/, L.) AND WAPITI (/C. E. NELSONI/, BAILEY) IN FIORDLAND, NEW ZEALAND. Proc. N.Z. Ecol. Soc. 24: 57-75. 1977. WR 170
[Protection Forestry Div., Forest Res. Inst., Christchurch, New Zealand]

78-004179 Franzmann, Albert W.; LeResche, Robert E. ALASKAN MOOSE BLOOD STUDIES WITH EMPHASIS ON CONDITION EVALUATION. J. Wildl. Manage. 42 (2): 334-351. Apr. 1978. WR 170
[Kenai Moose Res. Cent., Dep. Fish & Game, Soldotna 99669] /Alces alces gigas/.

78-004180 Franzmann, Albert W.; LeResche, Robert E.; Rausch, Robert A.; Oldemeyer, John L. ALASKAN MOOSE MEASUREMENTS AND WEIGHTS AND MEASUREMENT-WEIGHT RELATIONSHIPS. Can. J. Zool. 56 (2): 298-306. Feb. 1978. In English with French summ. WR 170
[Kenai Moose Res. Cent., Alaska Dep. Fish & Game, Soldotna 99669] /Alces a. gigas/.

78-004181 Mark, A. F.; Baylis, G. T. S. IMPACT OF DEER ON SECRETARY ISLAND, FIORDLAND, NEW ZEALAND. Proc. N.Z. Ecol. Soc. 22: 19-24. 1975. WR 170
[Botany Dep., Univ. Otago, Box 56, Dunedin, New Zealand]

78-004182 Olsen, A.; Woolf, A. THE DEVELOPMENT OF CLINICAL SIGNS AND THE POPULATION SIGNIFICANCE OF NEUROLOGIC DISEASE IN A CAPTIVE WAPITI HERD. J. Wildl. Dis. 14 (2): 263-268. Apr. 1978. WR 170
[Dep. Fishery & Wildl. Biol., Colo. State Univ., Fort Collins 80523] /Cervus elaphus canadensis/.

78-004183 Schaller, George B.; Hamer, Allegra RUTTING BEHAVIOR OF PERE DAVID'S DEER, /ELAPHURUS DAVIDIANUS/. Zool. Gart. 48 (1): 1-15. 1978. In English. WR 170
[Bronx Zoo, New York, N.Y.]

78-004184 Schoen, John Warren THE ECOLOGICAL DISTRIBUTION AND BIOLOGY OF WAPITI (/CERVUS ELAPHUS NELSONI/) IN THE CEDAR RIVER WATERSHED, WASHINGTON. Ph.D. dissertation, Univ. Wash. 423p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(6):2452. Dec. 1977. WR 170

78-004185 Schramlova, J.; Blazek, K. ULTRASTRUKTUR DER CYSTENWAND DER SARKOSPORIDIEN DES REHES (/CAPREOLUS CAPREOLUS/ L.). [ULTRASTRUCTURE OF THE CYST WALL OF SARCOCYSTS OF THE ROE DEER (/CAPREOLUS CAPREOLUS/ L.).] Z. Parasitenkd. 55 (1): 43-48. 16 Mar. 1978. In German with English summ. WR 170
[Parasitol. Inst., Czechoslovak Acad. Sci., Flemingovo nam. 2, Prague 6, Czechoslovakia]

78-004186 Shoesmith, Merlin Wendell SOCIAL ORGANIZATION OF WAPITI AND WOODLAND CARIBOU. Ph.D. dissertation, Univ. Manitoba 1978. From Diss. Abstr. Int. B Sci. Eng. 38(11):5235. May 1978. WR 170
The social organization of wapiti (/Cervus elaphus nelsoni/ Bailey) and woodland caribou [/Rangifer tarandus caribou/ (Gmelin)] was examined through field studies conducted in Yellowstone National Park, Wyoming, and Reed Lake, Manitoba, respectively.--From abstr.

78-004187 Staines, Brian W. THE DYNAMICS AND PERFORMANCE OF A DECLINING POPULATION OF RED DEER (/CERVUS ELAPHUS/). J. Zool. (Lond.) 184 (3): 403-419. Mar. 1978. WR 170
[Inst. Terrestrial Ecol., Banchory Res. Stn., Hill of Brathans, Banchory, Kincardineshire, Scotland]

78-004188 Tomek, Andrzej THE OCCURRENCE OF SOME ECOLOGICAL PARAMETERS OF THE MOOSE IN POLAND. Acta Theriol. 22 (33): 485-508. Dec. 1977. In English with Polish summ. WR 170
[Inst. Forest Protection, Agric. Acad., al. 29-go Listopada 48, 31-425 Krakow, Poland] /Alces alces/.

78-004189 White, R. G.; Yousef, M. K. ENERGY EXPENDITURE IN REINDEER WALKING ON ROADS AND ON TUNDRA. Can. J. Zool. 56 (2): 215-223. Feb. 1978. In English with French summ. WR 170
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] /Rangifer tarandus/.

OTHER UNGULATES

78-004190 Behrisch, Hans; Ortner, Isabella; Wieser, Wolfgang TEMPERATURE AND THE REGULATION OF ENZYME ACTIVITY IN HETEROTHERMIC TISSUES OF AN ALPINE MAMMAL. LACTATE DEHYDROGENASE FROM SKELETAL MUSCLE OF THE CHAMOIS. J. Therm. Biol. 2 (4): 185-189. Dec. 1977. WR 170
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] /Rupicapra rupicapra/.

78-004191 Bigalke, R. THE HIMALAYAN TAHR ON TABLE MOUNTAIN. Zool. Afr. 12 (2): 504. 1978. WR 170
[185 Alexander St., Pretoria, South Africa] /Hemitragus jemlaicus/.

78-004192 Bradley, Robert Marvin ASPECTS OF THE ECOLOGY OF THE THOMSON'S GAZELLE IN THE SERENGETI NATIONAL PARK, TANZANIA. Ph.D. dissertation, Tex. A&M Univ. 281p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(4):1533. Oct. 1977. WR 170

78-004193 Bunderson, W. Trent HUNTER'S ANTELOPE. Oryx 14 (2): 174-175. Dec. 1977. WR 170
/Damaliscus hunteri/ in Kenya and Somalia.

78-004194 Crowe, T. M.; Liversidge, R. DISPROPORTIONATE MORTALITY OF MALES IN A POPULATION OF SPRINGBOK (ARTIODACTYLA: BOVIDAE). Zool. Afr. 12 (2): 469-473. 1977. WR 170
[FitzPatrick Inst., Univ. Cape Town, Rondebosch, South Africa] /Antidorcas marsupialis/ in South Africa.

78-004195 Davis, T. P.; Yousef, M. K.; Douglas, C. L.; Stockman, J. D. III; Johnson, H. D. HEMATOLOGICAL RESPONSES OF THE FERAL BURRO, /EQUUS ASINUS/--FIELD AND LABORATORY. Trans. Mo. Acad. Sci. 10 & 11: 298. 1977. Abstract only. WR 170
[Univ. Nev., Las Vegas]

78-004196 Dissanaike, A. S.; Kan, S. P. STUDIES ON /SARCOCYSTIS/ IN MALAYSIA. I. /SARCOCYSTIS LEVINEI/ N. SP. FROM THE WATER BUFFALO /BUBALUS BUBALIS/. Z. Parasitenkd. 55 (2): 127-138. 20 Apr. 1978. WR 170
[Dep. Parasitol., Univ. Malaya, Kuala Lumpur, Malaysia]

78-004197 Dunant, Francois LE REGIME ALIMENTAIRE DU CHAMOIS DES ALPES (/RUPICAPRA RUPICAPRA RUPICAPRA/ L.): CONTRIBUTION PERSONNELLE ET SYNTHESE DES DONNEES ACTUELLES SUR LES PLANTES BROUTEES. [FOOD HABITS OF THE CHAMOIS IN THE ALPS (/RUPICAPRA RUPICAPRA RUPICAPRA/ L.) : PERSONAL CONTRIBUTION AND SYNTHESIS OF THE PUBLISHED DATA ON BROWSED PLANTS.] Rev. Suisse Zool. 84 (4): 883-903. Dec. 1977. In French with German and English summ. WR 170
[19 chemin des Marais, CH-1255 Veyrier, Switzerland]

78-004198 Eltringham, S. K.; Din, N. A. ESTIMATES OF THE POPULATION SIZE OF SOME UNGULATE SPECIES IN THE RWENZORI NATIONAL PARK, UGANDA. East Afr. Wildl. J. 15 (4): 305-316. Dec. 1977. In English with French summ. WR 170
[Dep. Appl. Biol., Univ. Cambridge, Pembroke St., Cambridge CB2 3DX, England] /Adenota kob thomasi/, /Damaliscus korrigum/, /Phacochoerus aethiopicus/ and /Kobus defassa/.

78-004199 Gordon, Bryan C. MUSKOX AND MAN IN THE SUBARCTIC: AN ARCHAEOLOGICAL VIEW. Arctic 30 (4): 246. Dec. 1977. WR 170
[Natl. Mus. Man, Ottawa, Ontario, Canada K1A 0M8] /Ovibos moschatus/.

78-004200 Graber, M. /SCHISTOSOMA MARGREBOWIEI/ OF COBS IN CHAD. J. Helminthol. 52 (1): 72-74. Mar. 1978. WR 170
[Parasitology, Natl. Veterinary School, Marcy l'Etoile-69260 Charbonnieres les Bains, France] /Kobus defassa/ and /Adenota cob/.

78-004201 Hamilton, W. R. FOSSIL GIRAFFES FROM THE MIOCENE OF AFRICA AND A REVISION OF THE PHYLOGENY OF THE GIRAFFOIDEA. Philos. Trans. Roy. Soc. Lond. B Biol. Sci. 283 (996): 165-229. 9 May 1978. WR 170
[Britain Mus. (Nat. Hist.), London SW7 5BD, England]

78-004202 Hawthorne, Howard; Heck, Heinz 20 YEAR HISTORY OF PRZEWALSKI HORSES (/EQUUS PRZEWALSKII/ POL.) AND THE REESTABLISHMENT OF THE SPECIES IN UNITED STATES ZOOS. Zool. Gart. 48 (1): 63-64. 1978. In English. WR 170
[Catskill Game Farm, Catskill, N.Y. 12414]

78-004203 Riley, Peter G. THE THERMOREGULATORY RESPONSE OF THE RHINOCEROS (/DICEROS BICORNIS/ AND /CERATOTHERIUM SIMUM/) AND THE ZEBRA (/EQUUS BURCHELLI/) TO DIURNAL TEMPERATURE CHANGE. East Afr. Wildl. J. 15 (4): 337. Dec. 1977. WR 170
[c/o British Embassy, P.O. Box 801, Khartoum, Sudan]

78-004204 Hofmeyr, J. M.; Luchtenstein, H. G.; Hostert, P. K. H. CAPTURE, HANDLING AND TRANSPORT OF SPRINGBOK AND THE APPLICATION OF HALOPERIDOL AS A LONG-ACTING NEUROLEPTIC. Madoqua 10 (2): 123-130. 1977. WR 170
[Etosha Ecol. Inst., P.O. Okaukuejo 9224, South West Africa] /Antidorcas marsupialis/.

78-004205 Irby, L. R. FOOD HABITS OF CHANLER'S MOUNTAIN REEDBUCK IN A RIFT VALLEY RANCH. East Afr. Wildl. J. 15 (4): 289-294. Dec. 1977. In English with French summ. WR 170
[Dep. Biol., Mont. State Univ., Bozeman 59717] /Redunca fulvorufula chanleri/ in Kenya.

78-004206 Jackson, Peter F. R. FEARS FOR SCIMITAR-HORNED ORYX. Environ. Conserv. 5 (1): 34. 1978. WR 170
[World Wildl. Fund, 1110 Morges, Switzerland] /Oryx algazel/ in Chad.

78-004207 Jain, Surendra Prakash STUDIES ON AMPHISTOMES. III. THE LIFE HISTORY OF /CEYLONOCOTYLE DICRANOCOELIUM/ (FISCHOEDER, 1901) NASMARK, 1937--AN AMPHISTOME PARASITE OF RUMINANTS. Zool. Anz. 199 (3/4): 286-300. 1977. In English. WR 170
[Dep. Zool., Agra Coll., Agra, India]

78-004208 Jenkins, David H. THE USE OF ETORPHINE (M99) AND DIPRENORPHINE (M5050) FOR ANESTHESIA IN A WHITE RHINOCEROS FOR THE REMOVAL OF GROWTHS ON THE THIRD EYELID. Auburn Vet. 34 (2): 39-43. 1978. WR 170
/Ceratotherium simum/.

78-004209 Joubert, Eugene; Louw, Gideon N. PRELIMINARY OBSERVATIONS ON THE DIGESTIVE AND RENAL EFFICIENCY OF HARTMANN'S ZEBRA /EQUUS ZEBRA HARTMANNAE/. Madoqua 10 (2): 119-121. 1977. WR 170
[Div. Nature Conservation & Tourism, Windhoek, South West Africa]

78-004210 Lambert, R. E.; Bathgate, J. L. DETERMINATION OF THE PLANE OF NUTRITION OF CHAMOIS. Proc. N.Z. Ecol. Soc. 24: 48-56. 1977. WR 170
[Taranaki Mus., New Plymouth, New Zealand] /Rupicapra rupicapra/ in New Zealand.

78-004211 Leuthold, Barbara M.; Leuthold, Walter ECOLOGY OF THE GIRAFFE IN TSAVO EAST NATIONAL PARK, KENYA. East Afr. Wildl. J. 16 (1): 1-20. Mar. 1978. WR 170
[Stolzestr. 19, CH-8006 Zurich, Switzerland] /Giraffa camelopardalis/.

78-004212 Mallinson, Jeremy J. C. BREEDING OF THE PIGMY HOG /SUS SALVANIUS/ (HODGSON) IN NORTHERN ASSAM. J. Bombay Nat. Hist. Soc. 74 (2): 288-298. Aug. 1977. WR 170
[Jersey Wildl. Preservation Trust, Jersey, Channel Islands, England]

78-004213 Marks, Stuart A. BUFFALO MOVEMENTS AND ACCESSIBILITY TO A COMMUNITY OF HUNTERS IN ZAMBIA. East Afr. Wildl. J. 15 (4): 251-261. Dec. 1977. In English with French summ. WR 170
[St. Andrews Presbyterian Coll., Laurinburg, N.C. 28352] /Syncerus caffer/.

78-004214 Mollel, C. L. CERVICO-VAGINAL PROLAPSE IN AN AFRICAN ELEPHANT. East Afr. Wildl. J. 16 (1): 59. Mar. 1978. WR 170
[Serengeti Res. Inst., P.O. Seronera, Via Arusha, Tanzania] /Loxodonta africana/ in Tanzania.

78-004215 Potter, Daniel A.; Johnston, Donald E. /RAILLIETIA WHARTONI/ SP. N. (ACARI-MESOSTIGMATA) FROM THE UGANDA KOB. J. Parasitol. 64 (1): 139-142. Feb. 1978. WR 170
[Ohio State Univ., Columbus 43210] /Kobus kob/ in Uganda.

78-004216 Robinson, Michael D. AN OBSERVATION ON PARENTAL CARE OF YOUNG IN THE STEENBOK IN SOUTH WEST AFRICA. Madoqua 10 (3): 215-216. 1977. WR 170
[Desert Ecol. Res. Unit, Gobabeb, South West Africa] /Raphicerus campestris/.

78-004217 Rudge, M. R. A NOTE ON THE FOOD OF FERAL PIGS (/SUS SCROFA/) OF AUCKLAND ISLAND. Proc. N.Z. Ecol. Soc. 23: 83-84. 1976. WR 170
[Ecol. Div., DSIR, P.O. Box 30466, Lower Hutt, New Zealand]

78-004218 Schwartz, Charles Clifford PRONGHORN GRAZING STRATEGIES ON THE SHORTGRASS PRAIRIE, COLORADO. Ph.D. dissertation, Colo. State Univ. 123p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(7):2965. Jan. 1978. WR 170
/Antilocapra americana/.

78-004219 Scotcher, J. S. B. HIPPOPOTAMUS NUMBERS AND MOVEMENTS IN NDUMU GAME RESERVE. Lammergeyer 24: 5-12. Mar. 1978. WR 170
[Natal Parks Board, P.O. Box 662, Pietermaritzburg, 3200 South Africa] /Hippopotamus amphibius/.

78-004220 Sekulic, Ranka NOTE ON INTERACTIONS BETWEEN SABLE (/HIPPOTRAGUS NIGER/) AND ROAN (/HIPPOTRAGUS EQUINUS/) ANTELOPES IN KENYA. J. Mammal. 59 (2): 444-446. 30 May 1978. WR 170
[Dep. Zool., Univ. Md., College Park 20742]

78-004221 Sekulic, Ranka; Estes, R. D. A NOTE ON BONE CHEWING IN THE SABLE ANTELOPE IN KENYA. Mammalia 41 (4): 537-539. 1977. In English. WR 170
[Dep. Zool., Univ. Md., College Park 20749] /Hippotragus niger roosevelti/.

78-004222 Shama, Indra Kumar ECOLOGICAL STUDY OF HABITATS, FEEDING AND SURVIVAL OF THE INDIAN GAZELLE /GAZELLA GAZELLA/ (PALLAS). J. Bombay Nat. Hist. Soc. 74 (2): 347-350. Aug. 1977. WR 170
[Bhagvati Bhavan, Ratanda Rd., Jodhpur 342 020, India]

78-004223 Sumar, J.; Smith, G. W.; Mayhua, E.; Nathanielsz, P. W. ADRENOCORTICAL FUNCTION IN THE FETAL AND NEWBORN ALPACA. Comp. Biochem. Physiol. A Comp. Physiol. 59 (1): 79-84. 1978. WR 170
[Univ. Nacional Mayor de San Marcos, Lima, Peru] /Lama pacos/ in Peru.

78-004224 Tomlinson, D. N. S. WHITE RHINOS RETURN TO RHODESIA. Oryx 14 (2): 145-150. Dec. 1977. WR 170
[Dep. Natl. Parks & Wild Life Manage., P.O. Box 8365, Causeway, Salisbury, Rhodesia] /Ceratotherium simum simum/.

78-004225 Valdez, Raul; Nadler, C. F.; Bunch, T. D. EVOLUTION OF WILD SHEEP IN IRAN. Evolution 32 (1): 56-72. Mar. 1978. WR 170
[Dep. Fishery & Wildl. Sci., N. Mex. State Univ., Las Cruces 88003] /Ovis/ spp.

78-004226 Walther, Fritz R. BEHAVIORAL OBSERVATIONS ON ORYX ANTELOPE (/ORYX BEISA/) INVADING SERENGETI NATIONAL PARK, TANZANIA. J. Mammal. 59 (2): 243-260. 30 May 1978. WR 170
[Dep. Wildl. & Fisheries Sci., Tex. A&M Univ., College Station 77843]

78-004227 Yardley, Darrell G.; Bright, Greg R.; Peden, Donald G. GENETIC VARIATION IN /BISON/, THE AMERICAN BUFFALO. Bull. S.C. Acad. Sci. 40: 95. 1978. Abstract only. WR 170

78-004228 Zakheim, R. M.; Bodola, F.; Park, M. K.; Molteni, A.; Mattioli, L. RENIN/ANGIOTENSIN SYSTEM IN THE LLAMA. Comp. Biochem. Physiol. A Comp. Physiol. 59 (4): 375-378. 1978. WR 170
[Dep. Pediatrics, Univ. Tex. Health Sci. Cent., San Antonio 78284] /Llama guanaco/ and /L. glama/.

OTHER MAMMALS

78-004229 Acharjyo, L. N.; Misra, R. NOTES ON A YOUNG HYBRID MACAQUE. J. Bombay Nat. Hist. Soc. 73 (3): 521-522. Dec. 1976. WR 170
[Nandankanan Biol. Park, P.O. Barang, Dist. Cuttack, India] /Macaca assamensis/ X /M. radiata/.

78-004230 Baldwin, John D.; Baldwin, Janice I. OBSERVATIONS ON /CEBUS CAPUCINUS/ IN SOUTHWESTERN PANAMA. Primates 18 (4): 937-941. Oct. 1977. WR 170
[Dep. Sociol., Univ. Calif., Santa Barbara 93106]

78-004231 Bauer, Harold R. CHIMPANZEE BIPEDAL LOCOMOTION IN THE GOMBE NATIONAL PARK, EAST AFRICA. Primates 18 (4): 913-921. Oct. 1977. WR 170
[Dep. Psychol., Bucknell Univ., Lewisburg, Pa. 17837]

78-004232 Bauer, Harold Roger ETHOLOGICAL ASPECTS OF GOMBE CHIMPANZEE AGGREGATIONS WITH IMPLICATIONS FOR HOMINIZATION. Ph.D. dissertation, Stanford Univ. 329p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(6):2567. Dec. 1977. WR 170
/Pan troglodytes/.

78-004233 Baulu, J.; Redmond, D. E., Jr. SOME SAMPLING CONSIDERATIONS IN THE QUANTITATION OF MONKEY BEHAVIOR UNDER FIELD AND CAPTIVE CONDITIONS. Primates 19 (2): 391-399. Apr. 1978. WR 170
[Dep. Psychiatry, Yale Univ. School Med., 333 Cedar St., New Haven, Conn. 06510] /Macaca mulatta/ in Puerto Rico.

78-004234 Benhar, E. E.; Samuel, David A CASE OF TOOL USE IN CAPTIVE OLIVE BABOONS (/PAPIO ANUBIS/). Primates 19 (2): 385-389. Apr. 1978. WR 170
[Weizmann Inst. Sci., Rehovat, Israel]

78-004235 Bernstein, Penny L.; Smith, W. John; Krensky, Alan; Rosene, Karen TAIL POSITIONS OF /CERCOPITHECUS AETHIOPS/. Z. Tierpsychol. 46 (3): 268-278. Mar. 1978. WR 170
[Inst. Anim. Behav., Newark, N.J. 07102]

78-004236 Biswas, S.; Diengdoh, H. NOTES ON STUMPTAILED MACAQUE [/MACACA SPECIOSA/ F. CUVIER] AND PIGTAILED MACAQUE [/MACACA NEMESTRINA/ (LINN.)] FROM MEGHALAYA. J. Bombay Nat. Hist. Soc. 74 (2): 344-345. Aug. 1977. WR 170
[Eastern Regional Stn., Zool. Surv. India, Shillong 793 003, India]

78-004237 Bromley, Lyn Judith HORMONAL INFLUENCES ON THE SOCIAL STRUCTURE OF THE SQUIRREL MONKEY (/SAIMIRI SCIUREUS/): IMPLICATIONS FOR THE EVOLUTION OF SOCIAL BEHAVIOR. Ph.D. dissertation, City Univ. New York 203p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):2071. Nov. 1977. WR 170

78-004238 Brown, C. H.; Beecher, M. D.; Moody, D. B.; Stebbins, W. C. LOCALIZATION OF PURE TONES BY OLD WORLD MONKEYS. J. Acoust. Soc. Am. 63 (5): 1484-1492. May 1978. WR 170
[Kresge Hearing Res. Inst., Univ. Mich. Med. School., Ann Arbor 48109] /Macaca mullata/ and /M. nemestrina/.

78-004239 Brown, I. R. F.; White, P. T.; Malpas, R. C. PROTEINS AND OTHER NITROGENOUS CONSTITUENTS IN THE BLOOD SERUM OF THE AFRICAN ELEPHANT, /LOXODONTA AFRICANA/. Comp. Biochem. Physiol. A Comp. Physiol. 59 (3): 267-270. 1978. WR 170
[Dep. Chem. Pathol., St. George's Hospital Med. School, Univ. London, Blackshaw Rd., London SW17 0QT, England]

78-004240 Cheney, Dorothy L. THE ACQUISITION OF RANK AND THE DEVELOPMENT OF RECIPROCAL ALLIANCES AMONG FREE-RANGING IMMATURE BABOONS. Behav. Ecol. Sociobiol. 2 (3): 303-318. 29 Sept. 1977. WR 170
[Field Res. Cent., Rockefeller Univ., Tyrrel Rd., Milbrook, N.Y. 12545] /Papio cynocephalus ursinus/ in South Africa.

78-004241 Chivers, David J.; MacKinnon, John ON THE BEHAVIOUR OF SIAMANG AFTER PLAYBACK OF THEIR CALLS. Primates 18 (4): 943-948. Oct. 1977. WR 170
[Univ. Cambridge, Cambridge CB2 1QS, England] Abstract: In 1970 and 1973, during studies of primates in the Krau Game Reserve, Pahang, Peninsular Malaysia, experimental playbacks of tape recorded group calls of siamang /Symphalangus syndactylus/, resulted in increased activity in this forest-dwelling ape.

78-004242 Coss, Richard G. PERCEPTUAL DETERMINANTS OF GAZE AVERSION BY THE LESSER MOUSE LEMUR (/MICROCEBUS MURINUS/), THE ROLE OF TWO FACING EYES. Behaviour 64 (3-4): 248-270. 1978. In English with German summ. WR 170
[Dep. Psychol., Univ. Calif., Davis]

78-004243 Eberhard, Mark L. /DIROFILARIA MACRODEMOS/ AND /D. PANAMENSIS/ SPP. N. (NEMATODA: FILARIOIDEA) FROM CENTRAL AND SOUTH AMERICAN SLOTHS. J. Parasitol. 64 (2): 198-203. Apr. 1978. WR 170
[Delta Regional Primate Res. Cent., Covington, La. 70433] /Bradypus tridactylus/ and /Cholopeus hoffmanni/.

78-004244 Eberhard, Mark L. /TETRAPETALONEMA (T.) MYSTAXI/ SP. N. (NEMATODA: FILARIOIDEA) FROM BRAZILIAN MOUSTACHED MARMOSETS, /SAGUINUS M. MYSTAX/. J. Parasitol. 64 (2): 204-207. Apr. 1978. WR 170
[Delta Regional Primate Res. Cent., Covington, La. 70433]

78-004245 Ehlers, Cindy Louise THE RELATIONSHIP BETWEEN CIRCADIAN RHYTHMS IN SEIZURE ACTIVITY AND ADRENAL STEROIDS IN THE BABOON /PAPIO PAPIO/. Ph.D. dissertation, Univ. Calif. (Davis) 124p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(6):2552. Dec. 1977. WR 170

78-004246 Encke, Brunhild SIEBEN JAHRE TAMANDUAS (/TAMANDUA TETRADACTYLA/) IM KREFELDER ZOO. [SEVEN-YEAR TAMANDUA ANTEATER /TAMANDUA TETRADACTYLA/ IN THE KREFELD ZOO.] Zool. Gart. 48 (1): 19-30. 1978. In German. WR 170
[Zool. Garten, Uerdinger Strasse 377, D-4150 Krefeld, West Germany]

78-004247 Estrada, Alejandro; Sandoval, Juan M.; Manzolillo, Deborah FURTHER DATA ON PREDATION BY FREE-RANGING STUMPTAIL MACAQUES (/MACACA ARCTOIDES/). Primates 19 (2): 401-407. Apr. 1978. WR 170
[Inst. Biomed. Res., Apartado Postal 70228-UNAM, Mexico 20 D.F., Mexico]

78-004248 Estrada, Alejandro; Sandoval, Juan M. SOCIAL RELATIONS IN A FREE-RANGING TROOP OF STUMPTAIL MACAQUES (/MACACA ARCTOIDES/): MALE-CARE BEHAVIOUR I. Primates 18 (4): 793-813. Oct. 1977. WR 170
[Inst. Investigaciones Biomed., U.N.A.M., Apartado Postal 70228, Mexico 20, D.F. Mexico]

78-004249 Fragaszy, D. Munkenbeck; Mason, William A. RESPONSE TO NOVELTY IN /SAIMIRI/ AND /CALLICEBUS/: INFLUENCE OF SOCIAL CONTEXT. Primates 19 (2): 311-331. Apr. 1978. WR 170
[Psychol. Dep., Univ. Calif., Davis 95616] /Saimiri sciureus/ and /Callicebus moloch/.

78-004250 Freeland, William John DYNAMICS OF PRIMATE PARASITES. Ph.D. dissertation, Univ. Mich. 210p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(11):5229. May 1978. WR 170
Hosts: /Colobus badius/, /C. quereza/, /Cercocebus albigena/, /Cercopithecus mitis/, /C. ascanius/ and /Papio anubis/.

78-004251 Freese, Curtis H. THE BEHAVIOR OF WHITE-FACED CAPUCHINS (/CEBUS CAPUCINUS/) AT A DRY-SEASON WATERHOLE. Primates 19 (2): 275-286. Apr. 1978. WR 170
[Dep. Biol., Southwestern at Memphis, 2000 North Parkway, Memphis, Tenn. 38112]

78-004252 Gatinot, Bernard L. LE REGIME ALIMENTAIRE DU COLOBE BAI AU SENEGAL. [THE DIET OF THE WEST AFRICAN RED COLOBUS IN SENEGAL.] Mammalia 41 (4): 373-402. 1977. In French with English summ. WR 170
[5 rue Saint-Honore, 78000 Versailles, France] /Colobus badius temmincki/.

78-004253 Grant, T. R.; Dawson, T. J. TEMPERATURE REGULATION IN THE PLATYPUS, /ORNITHORHYNCHUS ANATINUS/: MAINTENANCE OF BODY TEMPERATURE IN AIR AND WATER. Physiol. Zool. 51 (1): 1-6. Jan. 1978. WR 170
[School Zool., Univ. New South Wales, P.O. Box 1, Kensington, New South Wales, Australia]

78-004254 Green, K. M. PRIMATES OF BANGLADESH: A PRELIMINARY SURVEY OF POPULATION AND HABITAT. Biol. Conserv. 13 (2): 141-160. Feb. 1978. WR 170
[Nat. Zool. Park, Washington, D.C. 20008]

78-004255 Hamilton, William J. III; Arrowood, Patricia C. COPULATORY VOCALIZATIONS OF CHACMA BABOONS (/PAPIO URSINUS/), GIBBONS (/HYLOBATES HOOLOCK/), AND HUMANS. Science 200 (4348): 1405-1409. 23 June 1978. WR 170
[Inst. Ecol., Univ. Calif., Davis 95616]

78-004256 Hennig, Charles W. TONIC IMMOBILITY IN THE SQUIRREL MONKEY (/SAIMIRI SCIUREUS/). Primates 19 (2): 333-342. Apr. 1978. WR 170
[Dep. Psychol., Tulane Univ., New Orleans, La. 70118]

78-004257 Hull, David B. ABERRATIONS IN THE COAT COLOUR PATTERNS OF BLACK AND WHITE /COLOBUS/ MONKEYS. East Afr. Wildl. J. 16 (1): 21-27. Mar. 1978. WR 170
[Dep. Anthropol., Calif. State Univ., Northridge 91330]

78-004258 Izawa, Kosei A FIELD STUDY OF THE ECOLOGY AND BEHAVIOR OF THE BLACK-MANTLE TAMARIN (/SAGUINUS NIGRICOLLIS/). Primates 19 (2): 241-274. Apr. 1978. WR 170
[Japan Monkey Cent., Inuyama, Aichi, 484 Japan

78-004259 Izawa, Kosei; Mizuno, Akinori PALM-FRUIT CRACKING BEHAVIOR OF WILD BLACK-CAPPED CAPUCHIN (/CEBUS APELLA/). Primates 18 (4): 773-792. Oct. 1977. WR 170
[Japan Monkey Cent., Inuyama, Aichi 484, Japan]

78-004260 Joseph, L. M.; Wilson, M. I. VOCALIZATION AND SOCIAL BEHAVIOR OF CAPTIVE GROUPS OF FEAR-REARED AQUIRREL MONKEYS (/SAIMIRI SCIUREUS/). Primates 19 (2): 301-309. Apr. 1978. WR 170
[Dep. Psychol., Univ. Waterloo, Waterloo, Ontario, canada]

78-004261 Khan, Md. Ali Reza STATUS OF THE NILGIRI LANGUR /PRESBYTIS JOHNI/ (FISCHER) IN THE NILGIRIS. J. Bombay Nat. Hist. Soc. 73 (3): 517-518. Dec. 1976. WR 170
[Petersburgh, Coonoor 643 101, Nilgiris, India]

78-004262 Kuntz, R. E.; McCullough, B.; Huang, T. C.; Moore, J. A. /SCHISTOSOMA INTERCALATUM/ FISHER, 1934 (CAMEROON) INFECTION IN THE PATAS MONKEY (/ERYTHROCEBUS PATAS/ SCHREBER, 1775). Int. J. Parasitol. 8 (1): 65-68. Feb. 1978. WR 170
[Southwest Foundation Res., & Education, San Antonio, Tex. 78284]

78-004263 Leathers, C. W. THE PREVALENCE OF /HEPATOCYSTIS KOCHI/ IN AFRICAN GREEN MONKEYS. Lab. Anim. Sci. 28 (2): 186-189. Apr. 1978. WR 170
[Dep. Veterinary Microbiol. & Pathol., Wash. State Univ., Pullman 99164] /Cercopithecus/.

78-004264 MacKinnon, John A COMPARATIVE ECOLOGY OF ASIAN APES. Primates 18 (4): 747-772. Oct. 1977. WR 170
[Univ. Cambridge, Cambridge CB2 1QS, England] Abstract: Field studies of orang-utans, gibbons, and siamangs in Borneo, Sumatra, and Malaya provide evidence to show that, irrespective of species feeding preferences, differences in body size guarantee sufficient ecological separation for different ape species to coexist.

78-004265 Malpas, R. C. DIET AND THE CONDITION AND GROWTH OF ELEPHANTS IN UGANDA. J. Appl. Ecol. 14 (2): 489-504. Aug. 1977. WR 170
[Dep. Appl. Biol., Univ. Cambridge, Pembroke St., Cambridge CB2 3DX, England] /Loxodonta africana/.

78-004266 Manocha, Sohan L.; Long, James EXPERIMENTAL PROTEIN MALNUTRITION DURING GESTATION AND BREEDING PERFORMANCE OF SQUIRREL MONKEYS, /SAIMIRI SCIUREUS/. Primates 18 (4): 923-930. Oct. 1977. WR 170
[Yerkes Regional Primate Res. Cent., Emory Univ., Atlanta, Ga. 30322]

78-004267 Martenson, J., Jr.; Oswald, M.; Sackett, D.; Erwin, J. DIURNAL VARIATION OF COMMON BEHAVIORS OF PIGTAIL MONKEYS (/MACACA NEMESTRINA/). Primates 18 (4): 875-882. Oct. 1977. WR 170
[Wash. Regional Primate Res. Cent., Univ. Wash., P.O. Box P, Medical Lake 99022]

78-004268 Mendoza, Sally P.; Lowe, Edna L.; Resko, John A.; Levine, Seymour SEASONAL VARIATIONS IN GONADAL HORMONES AND SOCIAL BEHAVIOR IN SQUIRREL MONKEYS. Physiol. Behav. 20 (5): 515-522. May 1978. WR 170
[Dep. Psychiatry & Behav. Sci., Stanford Univ. School Med., Stanford, Calif. 94305] /Saimiri sciureus/.

78-004269 Michael, Richard P.; Zumpe, Doris POTENCY IN MALE RHESUS MONKEYS: EFFECTS OF CONTINUOUSLY RECEPTIVE FEMALES. Science 200 (4340): 451-453. 28 Apr. 1978. WR 170
[Dep. Psychiatry, Emory Univ. School Med., Atlanta, Ga. 30322] /Macaca mulatta/.

78-004270 Milton, Katharine; Mittermeier, Russell A. A BRIEF SURVEY OF THE PRIMATES OF COIBA ISLAND, PANAMA. Primates 18 (4): 931-936. Oct. 1977. WR 170
[Smithsonian Trop. Res. Inst., P.O. Box 2072, Balboa, Canal Zone] Two species of primates, /Alouatta palliata coibensis/ and /Cebus capucinus imitator/, occur on the Pacific island of Coiba, located off the coast of Panama.--From abstr.

78-004271 Milton, Katharine THE FORAGING STRATEGY OF THE HOWLER MONKEY IN THE TROPICAL FOREST OF BARRO COLORADO ISLAND, PANAMA. Ph.D. dissertation, New York Univ. 257p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(4):1539. Oct. 1977. WR 170
/Alouatta palliata/.

78-004272 Mukherjee, R. P. EFFECTS OF CROWDING ON TEMPLE RHESUS MONKEYS OF IMPHAL, MANIPUR. J. Bombay Nat. Hist. Soc. 74 (2): 275-281. Aug. 1977. WR 170
[Zool. Surv. India, Calcutta, India] /Macaca mulatta/.

78-004273 Murray, R. Daniel; Murdoch, Katherine Mayer MOTHER-INFANT DYAD BEHAVIOR IN THE OREGON TROOP OF JAPANESE MACAQUES. Primates 18 (4): 815-824. Oct. 1977. WR 170
[Dep. Anthropology, Western Mich. Univ., Kalamazoo 49008] /Macaca fuscata/.

78-004274 Obi, T. U. TRAUMATIC GRANULOMA IN AN AFRICAN ELEPHANT (/LOXODONTA AFRICANA/) AND ITS TREATMENT WITH YATREN-CASEIN. East Afr. Wildl. J. 16 (1): 69-71. Mar. 1978. WR 170
[Dep. Vet. Med. Univ. Ibadan, Ibadan, Nigeria]

78-004275 Ojha, P. R. A SURVEY OF BITES AND OTHER INJURIES INFLICTED BY RHESUS MACAQUE /MACACA MULATTA/ ON MAN IN MAROTH VILLAGE (RAJASTHAN, INDIA). J. Bombay Nat. Hist. Soc. 73 (3): 518-521. Dec. 1976. WR 170
[Zool. Dep., Government Coll., Nagaur, Rajasthan, India]

78-004276 Orsini, J. C.; Christolomme, A.; Dupe-Godet, M.; Riche, D. STEREOTAXIC BRAIN ATLAS OF THE PROSIMIAN PRIMATE /GALAGO SENEGALENSIS/. Mammalia 41 (4): 445-515. 1977. In English with French summ. WR 170
[Lab. Neurophysiol., Univ. Nice, F-06034 Nice Cedex, France]

78-004277 Rhine, Ramon J.; Flanigon, Michael AN EMPIRICAL COMPARISON OF ONE-ZERO, FOCAL-ANIMAL, AND INSTANTANEOUS METHODS OF SAMPLING SPONTANEOUS PRIMATE SOCIAL BEHAVIOR. Primates 19 (2): 353-361. Apr. 1978. WR 170
[Dep. Psychol., Univ. Calif., Riverside 92502]

78-004278 Richie, Thomas; Shrestha, Ram; Teas, Jane; Taylor, Henry; Southwick, Charles RHESUS MONKEYS AT HIGH ALTITUDES IN NORTHWESTERN NEPAL. J. Mammal. 59 (2): 443-444. 30 May 1978. WR 170
[Dep. Pathobiol., Johns Hopkins Univ., Baltimore 21205] /Macaca mulatta/.

78-004279 Richter, C. B.; Humason, G. L.; Godbold, J. H., Jr. ENDEMIC /PNEUMOCYSTIS CARINII/ IN A MARMOSET COLONY. J. Comp. Pathol. 88 (2): 171-180. Apr. 1978. WR 170
[Med. & Health Sci. Div., Oak Ridge Associated Univ., Oak Ridge, Tenn. 37830] /Saguinus/ spp.

78-004280 Rose, M. D. INTERSPECIFIC PLAY BETWEEN FREE RANGING GUEREZAS (/COLOBUS GUEREZA/) AND VERVET MONKEYS (/CERCOPITHECUS AETHIOPS/). Primates 18 (4): 957-964. Oct. 1977. WR 170
[Yale Univ. School of Medicine, 333 Cedar St., New Haven, Conn. 06510]

78-004281 Seyfarth, Robert M. SOCIAL RELATIONSHIPS AMONG ADULT MALE AND FEMALE BABOONS. II. BEHAVIOUR THROUGHOUT THE FEMALE REPRODUCTIVE CYCLE. Behaviour 64 (3-4): 227-247. 1978. In English with German summ. WR 170
[Rockefeller Univ., Field Res. Cent., Millbrook, N.Y. 12545] /Papio cynocephalus ursinus/.

78-004282 Seyfarth, Robert M. SOCIAL RELATIONSHIPS AMONG ADULT MALE AND FEMALE BABOONS. I. BEHAVIOUR DURING SEXUAL CONSORTSHIP. Behaviour 64 (3-4): 204-226. 1978. In English with German summ. WR 170
[Rockefeller Univ., Field Res. Cent., Millbrook, N.Y. 12545] /Papio cynocephalus ursinus/.

78-004283 Shotake, Takayoshi; Nozawa, Ken; Tanabe, Yuichi BLOOD PROTEIN VARIATIONS IN BABOONS. I. GENE EXCHANGE AND GENETIC DISTANCE BETWEEN /PAPIO ANUBIS/, /PAPIO HAMADRYAS/ AND THEIR HYBRID. Jpn. J. Genet. 52 (3): 223-237. June 1977. WR 170
[Primate Res. Inst., Kyoto Univ., Inuyama, Aichi 485, Japan]

78-004284 Smith, Martin; Harris, P. J.; Strayer, F. F. LABORATORY METHODS FOR THE ASSESSMENT OF SOCIAL DOMINANCE AMONG CAPTIVE SQUIRREL MONKEYS. Primates 18 (4): 977-984. Oct. 1977. WR 170
[Dep. Psychol., York Univ. 4700 Keele St., Toronto, Ontario M3J 1P, Canada] /Saimiri/.

78-004285 Stewart, Kelly J. THE BIRTH OF A WILD MOUNTAIN GORILLA (/GORILLA GORILLA BERINGEI/). Primates 18 (4): 965-976. Oct. 1977. WR 170
[Univ. Cambridge, High St., Madingley, Cambridge CB3 8AA, England]

78-004286 Sulzman, Frank M.; Fuller, Charles A.; Moore-Ede, Martin C. EXTENT OF CIRCADIAN SYNCHRONIZATION BY CORTISOL IN THE SQUIRREL MONKEY. Comp. Biochem. Physiol. A Comp. Physiol. 59 (3): 279-283. 1978. WR 170
[Dep. Physiol., Harvard Med. School, Boston, Mass. 02115] /Saimiri sciureus/.

78-004287 Taylor, Henry; Teas, Jane; Richie, Thomas; Southwick, Charles; Shrestha, Ram SOCIAL INTERACTIONS BETWEEN ADULT MALE AND INFANT RHESUS MONKEYS IN NEPAL. Primates 19 (2): 343-351. Apr. 1978. WR 170
[Dep. Pathobiol., Johns Hopkins Univ., 615 North Wolfe St., Baltimore, Md. 21205] /Macaca mulatta/.

78-004288 Vaitl, Elizabeth A. EXPERIMENTAL ANALYSIS OF THE NATURE OF SOCIAL CONTEXT IN CAPTIVE GROUPS OF SQUIRREL MONKEYS (/SAIMIRI SCIUREUS/). Primates 18 (4): 849-859. Oct. 1977. WR 170
[Dep. Psychiatry, Univ. Calif., 740 Westwood Plaza, Los Angeles 90024]

78-004289 Vaitl, Elizabeth A. SOCIAL CONTEXT AS A STRUCTURING MECHANISM IN CAPTIVE GROUPS OF SQUIRREL MONKEYS (/SAIMIRI SCIUREUS/). Primates 18 (4): 861-874. Oct. 1977. WR 170
[Dep. Psychiatry, Univ. Calif., 740 Westwood Plaza, Los Angeles 90024]

78-004290 Vilensky, Joel A. THE FUNCTION OF ISCHIAL CALLOSITIES. Primates 19 (2): 363-369. Apr. 1978. WR 170
[Dep. Anthropol., Univ. Wis., Madison 53706] Ischial callosities are generally related to the sitting positions of cercopithecoid monkeys, gibbons, and siamangs, but the selective advantage of ischial callosities to the sitting postures of these animals is uncertain. It is suggested that ischial callosities are adaptations that evolved for comfortable and stable sitting on thin branches during feeding in the peripheral branch zone.--From abstr.

78-004291 Vogt, Jerry L. THE SOCIAL BEHAVIOR OF A MARMOSET (/SAGUINUS FUSCICOLLIS/) GROUP. II: BEHAVIOR PATTERNS AND SOCIAL INTERACTION. Primates 19 (2): 287-300. Apr. 1978. WR 170
[Dep. Psychol., Saint John's Univ., Collegeville, Minn. 56321]

78-004292 Voland, Eckart SOCIAL PLAY BEHAVIOR OF THE COMMON MARMOSET (/CALLITHRIX JACCHUS/ ERXL., 1777) IN CAPTIVITY. Primates 18 (4): 883-901. Oct. 1977. WR 170
[Anthropology Dep., Univ. Gottingen, 34 Gottingen, West Germany]

78-004293 Wade, Ted D. COMPLEMENTARITY AND SYMMETRY IN SOCIAL RELATIONSHIPS OF NONHUMAN PRIMATES. Primates 18 (4): 835-847. Oct. 1977. WR 170
[Univ. Colo. Med. Cent., 4200 East 9th Ave., Denver 80262]

78-004294 Wolf, Katherine E.; Fleagle, John G. ADULT MALE REPLACEMENT IN A GROUP OF SILVERED LEAF-MONKEYS (/PRESBYTIS CRISTATA/) AT KUALA SELANGOR, MALAYSIA. Primates 18 (4): 949-955. Oct. 1977. WR 170
[Dep. Anthropology, Yale Univ., New Haven, Conn. 06520]

78-004295 Wright, P. G. A COUNTER-CURRENT HEAT EXCHANGE SYSTEM IN THE TAIL OF THE VERVET MONKEY, /CERCOPITHECUS PYGERYTHRUS/ (PRIMATA: CERCOPITHECIDAE). Zool. Afr. 12 (2): 485-495. 1977. WR 170
[Dep. Gen. Physiol., Univ. Witwatersrand, Johannesburg, South Africa]

78-004296 Wright, P. G. OBSERVATIONS ON THE ANATOMY OF THE TAIL IN THE VERVET MONKEY, /CERCOPITHECUS/, WHICH BEAR ON THERMOREGULATORY FUNCTION IN THE ORGAN (PRIMATA: CERCOPITHECIDAE). Zool. Afr. 12 (2): 475-483. 1977. WR 170
[Dep. Gen. Physiol., Univ. Witwatersrand, Johannesburg, South Africa] /Cercopithecus pygerythrus/.

78-004297 Zucker, Evan L.; Mitchell, G.; Maple, Terry ADULT MALE-OFFSPRING PLAY INTERACTIONS WITHIN A CAPTIVE GROUP OF ORANG-UTANS (/PONGO PYGMAEUS/). Primates 19 (2): 379-384. Apr. 1978. WR 170
[Dep. Psychol., Emory Univ., Atlanta, Ga. 30322]

BIRDS--GENERAL

78-004298 Grazhdankin, A. V. [HUMIDITY IN THE NESTS OF BIRDS IN THE ARID REGIONS UNDER NATURAL INCUBATION.] Zool. Zh. 57 (1): 100-104. Jan. 1978. In Russian with English summ. WR 170
[Central Lab. Nature Preservation, USSR Minist. Agric., Znamenskoye-Sadki, Moscow District, USSR] Data for nests of 11 spp. of birds.

78-004299 Klimkiewicz, M. Kathleen; Robbins, Chandler S. STANDARD ABBREVIATIONS FOR COMMON NAMES OF BIRDS. N. Am. Bird Bander 3 (1): 16-25. Jan.-Mar. 1978. WR 170
[Bird Banding lab., Laurel, Md. 20811]

78-004300 Lilleleht, V. ORNITHOLOGY IN ESTONIA. Ring 8 (90-91): 91-97. 1977. WR 170

78-004301 Parkes, Kenneth C. A GUIDE TO FORMING AND CAPITALIZING COMPOUND NAMES OF BIRDS IN ENGLISH. Auk 95 (2): 324-326. Apr. 1978. WR 170
[Carnegie Mus. Nat. Hist., Pittsubrgh, Pa. 15213]

78-004302 Schodde, Richard THE IDENTITY OF FIVE TYPE-SPECIMENS OF NEW GUINEAN BIRDS. Emu 78 (1): 1-6. Feb. 1978. WR 170
[Div. Wildl. Res., CSIRO, P.O. Box 84, Lyneham, ACT 2602, Australia] /Cyclopsitta/ sp., /Meliornis schistacea/, /Glyciphila nisoria/, /Dicaeum arfakianum/ and /Neneba prasina/.

78-004303 Snow, David W. THE NEST AS A FACTOR DETERMINING CLUTCH-SIZE IN TROPICAL BIRDS. J. Ornithol. 119 (2): 227-230. Apr. 1978. In English with German summ. WR 170
[British Mus. (Nat. Hist.), Tring, Hertfordshire, England]

78-004304 Yamashina, Yoshimaro [IN CELEBRATION OF DR. NAGAHISA KURODA'S SIXTIETH BIRTHDAY.] Tori 26 (2/3): 35-61. Nov. 1977. In Japanese. WR 170
Includes a classified bibliography.

78-004305 Ziswiler, Vinzenz ORNITHOLOGISCH-MORPHOLOGISCHE FORSCHUNG AN DER UNIVERSITAET ZUERICH. [MORPHOLOGICAL ORNITHOLOGY RESEARCH AT ZURICH UNIVERSITY.] Ornithol. Beob. 74 (4-6): 189-196. Dec. 1977. In German with English summ. WR 170
[Zool. Mus., Univ. Zurich, Kunstlergasse 16, 8006 Zurich, Switzerland]

BIRDS--TECHNIQUES

78-004306 Baltosser, William H. NEW AND MODIFIED METHODS FOR COLOR-MARKING HUMMINGBIRDS. Bird-Banding 49 (1): 47-49. 1978. WR 170
[Dep. Biol., N. Mex. State Univ., Las Cruces 88003]

78-004307 Beimborn, Don TAKING A TANGLE OUT OF BANDING. Inl. Bird Banding News 50 (1): 19-20. Jan.-Feb. 1978. WR 170
[1585 Oakgreen Ave. S., Afton, Minn. 55001] Wooden box band holder.

78-004308 Bub, Hans INDIAN BIRD-NETS IN MEXICO. Ring 7 (84-85): 249-251. 1975. WR 170

78-004309 Dickson, James G. COMPARISON OF BREEDING BIRD CENSUS TECHNIQUES. Am. Birds 32 (1): 10-13. Jan. 1978. WR 170
[Southern Forest Exp. Stn., Nacogdoches, Tex. 75962]

78-004310 Eagles, Paul F. J.; Tobias, Terry N. A REPLICATION OF A BREEDING BIRD CENSUS. Am. Birds 32 (1): 14-17. Jan. 1978. WR 170
[School Urban & Regional Planning, Univ. Waterloo, Waterloo, Ontario N2L 3G1, Canada]

78-004311 Gartshore, Mary E. A NOOSE TRAP FOR CATCHING NESTING BIRDS. N. Am. Bird Bander 3 (1): 1-2. Jan.-Mar. 1978. WR 170
[Biol. Sci., Ahmadu Bello Univ., Zaria, Nigeria]

78-004312 Gavrilov, E. I. THE USE OF MIST-NETS IN WINDY WEATHER. Ring 8 (90-91): 97-98. 1977. WR 170

78-004313 Hart, J. L.; Todd, L. L. A LIVE TRAP FOR BIRDS ATTENDING A FEEDING STATION. Trans. Kans. Acad. Sci. 79 (162): 43-45. 1976. WR 170
[Dep. Biol. Sci., Fort Hays Kans. State Coll., Hays, 67601]

78-004314 James, Frances C. ON UNDERSTANDING QUANTITATIVE SURVEYS OF VEGETATION. Am. Birds 32 (1): 18-21. Jan. 1978. WR 170
[Dep. Biol. Sci., Fla. State Univ., Tallahassee 32306] Relative to breeding bird census.

78-004315 Kristiansson, K.; Lindkvist, B.; Gustafson, T. AN ALTIMETER FOR BIRDS AND ITS USE. Ornis Scand. 8 (1): 79-86. 1977. WR 170
[Dep. Theoretical Physics, Solvegatan 14 A, S-223 62 Lund, Sweden]

78-004316 Lederer, Roger J.; Crane, Robert THE EFFECTS OF EMETICS ON WILD BIRDS. N. Am. Bird Bander 3 (1): 3-5. Jan.-Mar. 1978. WR 170
[Dep. Biol. Sci., Calif. State Univ., Chico 95929]

78-004317 Nebes, Hans-Detlef EINE MOBILE SCHALKABINE ZUR AUFNAHME VON VOGELLAUTEN. [A MOVABLE SOUND CABIN FOR TAPE RECORDING OF BIRD VOCALIZATION.] Zool. Anz. 199 (5/6): 399-404. 1977. In German with English summ. WR 170
[Univ. Kaiserslautern, Postfach 3049, D-6750 Kaiserslautern, West Germany] Abstract: An inexpensive, light-weight, and movable sound cabin for tape recording of bird vocalizations in laboratory rooms independent of their sonic field characteristics or insulation from external noise is designed. Its efficiency concerning the reduction of reverberations in a room with strongly reflective metal walls is documented by the comparison of sonagrammes of short calls with considerable modulation per unit time of the peach-faced lovebird /Agapornis roscicollis/.

78-004318 Svensson, Soren FORENKLAD REVIRKARTERINGSMETOD FOR INVENTERING AV FAGLAR PA MYRAR OCH MOSSAR. [A SIMPLIFIED TERRITORY MAPPING TECHNIQUE FOR ESTIMATING BIRD NUMBERS ON BOGS.] Var Fagelvarld 37 (1): 9-18. 1978. In Swedish with English summ. WR 170
[Ekologihuset, S-223 62 Lund, Sweden]

78-004319 Swanson, George A. A SIMPLE LIGHTWEIGHT CORE SAMPLER FOR QUANTITATING WATERFOWL FOODS. J. Wildl. Manage. 42 (2): 426-428. Apr. 1978. WR 170
[Northern Prairie Wildl. Res. Cent., Jamestown, N. Dak 58401]

78-004320 Waldschmidt, M. DIE MUENDENER NISTHOEHLENDRAINAGE. EIN VERFAHREN ZUR SANIERUNG FUNKTIONSUNTUECHTIGER NISTHOEHLEN. [NEST BOX DRAINAGE: A METHOD FOR MODIFYING FAULTY NEST BOXES.] 30 (1): 18-19. Jan. 1978. In German. WR 170
[Ludwig-Beck-Strasse 11, D 3400 Gottingen, West Germany]

78-004321 Wiseman, Arthur J. DETERMINING THE SEX OF BIRDS IN THE FIELD. Inl. Bird Banding News 50 (2): 72-75. Mar.-Apr. 1978. WR 170
[2073 Harrison Ave., Cincinnati, Ohio 45214]

BIRDS--FAUNAS, COMMUNITIES, MANUALS

78-004322 Abbott, Ian FACTORS DETERMINING THE NUMBER OF LAND BIRD SPECIES ON ISLANDS AROUND SOUTH-WESTERN AUSTRALIA. Oecologia (Berl.) 33 (2): 221-233. 21 Mar. 1978. WR 170
[Dep. Soil Sci. & Plant Nutr., Univ. Western Australia, Nedlands, Western Australia 6009, Australia] New evidence from the passerine faunas of islands off Southwestern Australia agrees with the hypothesis that the passerine faunas of Australian and New Zealand islands are impoverished because most passerine species are poor colonizers.--from abstr.

78-004323 Abdulali, Humayun A CATALOGUE OF THE BIRDS IN THE COLLECTION OF THE BOMBAY NATURAL HISTORY SOCIETY--20. J. Bombay Nat. Hist. Soc. 73 (3): 491-515. Dec. 1976. WR 170
Data for 63 taxa.

78-004324 Archer, Stanley THE BIRDS OF LYNDON B. JOHNSON STATE PARK. Bull. Tex. Ornithol. Soc. 8: 6-7. Dec. 1975. WR 170
[Dep. English, Tex. A&M Univ., College Station 77843]

78-004325 Barr, Albert L.; Arnold, Keith; Holm, Stephen F. A LISTING OF COUNTY RECORDS FOR BIRD SPECIMENS IN THE TEXAS COOPERATIVE WILDLIFE COLLECTIONS NOT REPORTED IN OBERHOLSER'S "THE BIRD LIFE OF TEXAS". Bull. Tex. Ornithol. Soc. 8: 8-10. Dec. 1975. WR 170
[Dep. Wildl. & Fisheries Sci., Tex. A&M Univ., College Station 77843]

78-004326 Baud, Francois J. OISEAUX DES PHILIPPINES DE LA COLLECTION W. PARSONS. II. LUZON, MINDORO ET PALAWAN. [BIRDS OF THE PHILIPPINES IN THE COLLECTION OF W. PARSONS. II. LUZON, MINDORO AND PALAWAN.] Rev. Suisse Zool. 85 (1): 497-513. Apr. 1978. In French with English summ. WR 170
[Mus. Hist. Nat., Route de Malagnou, CH-1211 Geneva 6, Switzerland]

78-004327 Belton, William SUPPLEMENTARY LIST OF NEW BIRDS FOR RIO GRANDE DO SUL, BRAZIL. Auk 95 (2): 413-415. Apr. 1978. WR 170
[Rocky Hollow, Great Cacapon, W. Va. 25422]

78-004328 Berg-Schlosser, Gerhard OEKOLOGIE UND SIEDLUNGSDICHTE DER BRUTVOEGEL DES SCHWARZEN MOORES IN DER RHOEN (BRUTPERIODE 1971-1973). [ECOLOGY AND POPULATION DENSITY OF THE BREEDING BIRDS OF THE SCHWARZE MOOR IN THE RHON (BREEDING PERIOD 1971-1973).] Anz. Ornithol. Ges. Bayern 14 (3): 273-295. Dec. 1975. In German with English summ. WR 170
[Grunberger Str. 25, 632 Alsfeld, West Germany]

78-004329 Beutler, Horst ORNITHOLOGISCHE BEOBACHTUNGEN IN ARMENIEN. [ORNITHOLOGICAL OBSERVATIONS IN ARMENIA.] Beitr. Vogelkd. 23 (6): 351-362. 1977. In German. WR 170
[Frankfurter Strasse 23, DDR-123 Beeskow, East Germany]

78-004330 Bock, Carl E.; Raphael, Martin; Bock, Jane H. CHANGING AVIAN COMMUNITY STRUCTURE DURING EARLY POST-FIRE SUCCESSION IN THE SIERRA NEVADA. Wilson Bull. 90 (1): 119-123. Mar. 1978. WR 170
[Dep. Environ., Population & Organismic Biol., Univ. Colo., Boulder 80309]

78-004331 Breukelman, John MORE BIRDS THAT CAME TO SEE ME. Kans. Ornithol. Soc. Bull. 28 (4): 33-40. Dec. 1977. WR 170
[Mus. Nat. Hist., Univ. Kans., Lawrence 66045] Ninety-four species during 1968-1977.

78-004332 Brown, Peter THE BIRDS OF TASMANIA. Avic. Mag. 84 (1): 32-50. Jan.-Mar. 1978. WR 170
Annotated list.

78-004333 Browning, M. Ralph AN EVALUATION OF THE NEW SPECIES AND SUBSPECIES PROPOSED IN OBERHOLSER'S /BIRD LIFE OF TEXAS/. Proc. Biol. Soc. Wash. 91 (1): 85-122. 3 May 1978. WR 170
[Natl. Mus. Nat. Hist., Washington, D.C. 20560] Abstract: Thirty-six newly described and 10 revived names proposed by Oberholser (1974) for North American birds are evaluated. Of these, only three of the new subspecies are, in the author's judgment, taxonomically distinct.

78-004334 Bruner, Alan W. JUNE 1977 OBSERVATIONS OF WARBLERS THAT NESTED OR MAY HAVE NESTED IN THE SHADES STATE PARK AREA. Indiana Audubon Q. 56 (2): 68-71. May 1978. WR 170
[Waveland, Ind.]

78-004335 Chamberlain, W. David THE BIRDS OF TURTLE ISLAND, S.C. Chat 42 (1): 3-7. 1978. WR 170
[301 McCants Dr., Mt. Pleasant, S.C. 29464] List of 103 spp.

78-004336 Cheke, Robert A. RECORDS OF BIRDS AND THEIR PARASITES FROM THE CHERANGANI MOUNTAINS, KENYA. East Afr. Wildl. J. 16 (1): 61-64. Mar. 1978. WR 170
[Cent. Overseas Pest Res., College House, Wrights Lane, London W8 5SJ, England] Annotated list.

78-004337 Clinning, C. F.; Jensen, R. A. C. ADDITIONS TO THE BIRD CHECKLIST OF ETOSHA NATIONAL PARK. Madoqua 10 (2): 143-148. 1977. WR 170
[Nature Conservation & Tourism Div., Windhoek, South West Africa]

78-004338 Crook, Ian G.; Best, H. A.; Harrison, H. A SURVEY OF THE NATIVE BIRD FAUNA OF FORESTS IN THE PROPOSED BEECH PROJECT AREA OF NORTH WESTLAND. Proc. N.Z. Ecol. Soc. 24: 113-126. 1977. WR 170
[New Zealand Wildl. Serv., Dep. Internal Affairs, Wellington, New Zealand]

78-004339 Cunningham van Someren, G. R.; Irvine, Geoffrey; Irvine, Dorothy NOTES ON BIRDS SEEN IN DIANI FOREST, KENYA. East Afr. Nat. Hist. Soc. Bull. p. 106-108. Sept./Oct. 1977. WR 170
[P.O. Box 40658, Nairobi, Kenya]

78-004340 Delmarva Ornithological Society WHERE TO LOOK FOR BIRDS ON THE DELMARVA PENINSULA. Delmarva Ornithol. Soc. Monogr. no. 2. 42p. 1978. WR 170
[Wilmington, Del.]

78-004341 Dickson, James G.; Noble, Robert E. VERTICAL DISTRIBUTION OF BIRDS IN A LOUISIANA BOTTOMLAND HARDWOOD FOREST. Wilson Bull. 90 (1): 19-30. Mar. 1978. WR 170
[Southern Forest Exp. Stn., Nacogdoches, Tex. 75961]

78-004342 Englander, Hans; Kuhn, Michael MATERIALIEN ZUR AVIFAUNA DES ENTENFANGS. II. TEIL. [MATERIAL ON THE AVIFAUNA OF A DUCK DECOY. PART II.] Charadrius 13 (4): 115-128. Dec. 1977. In German. WR 170
[Zool. Inst., Weyertal 119, D-5000 Cologne 41, West Germany]

78-004343 Ford, Julian GEOGRAPHICAL ISOLATION AND MORPHOLOGICAL AND HABITAT DIFFERENTIATION BETWEEN BIRDS OF THE KIMBERLEY AND THE NORTHERN TERRITORY. Emu 78 (1): 25-35. Feb. 1978. WR 170
[Western Australian Inst Technol., Hayman Rd., Bentley, Western Australia 6102, Australia]

78-004344 Gregori, Janez EKOLOSKI IN FAVNISTICNI PREGLED PTICEV SEVEROZAHODNE SLOVENIJE. [ECOLOGICAL AND FAUNISTIC SURVEY OF THE BIRDS OF NORTHWEST SLOVENIA.] Larus 29-30: 33-81. 1977. In Serbo-Croatian with German summ. WR 170
[Prirodoslovni Muzej Slovenije, Presernova 20, 6100 Ljubljana, Yugoslavia]

78-004345 Harbron, Steven L. BIRD POPULATIONS IN GRASSLAND-THICKET IN RELATION TO PLANT SUCCESSION AND ADJACENT LAND USE. M.A. thesis, Western Mich. Univ. 86p. 1977. From Masters Abstracts 16(1), Mar. 1978. WR 170

78-004346 Hatler, David F.; Campbell, R. Wayne BIRDS OF PACIFIC RIM NATIONAL PARK. B.C. Prov. Mus. Occas. Pap. Ser. no. 20. 194p. 1978. WR 170
Includes an annotated list of 247 spp.

78-004347 Hilsenhoff, William L. THE 1977 WISCONSIN CHRISTMAS BIRD COUNT. Passenger Pigeon 40 (1): 358-370. 1978. WR 170

78-004348 Hilty, Steven Leon FOOD SUPPLY IN A TROPICAL FRUGIVOROUS BIRD COMMUNITY. Ph.D. dissertation, Univ. Ariz. 126p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(11):5230. May 1978. WR 170

78-004349 Howe, Robert W.; Jones, Greig AVIAN UTILIZATION OF SMALL WOODLOTS IN DANE COUNTY, WISCONSIN. Passenger Pigeon 39 (4): 313-319. 1977. WR 170
[Dep. Zool., Univ. Wis., Madison]

78-004350 Jakubiec, Zbigniew; Bluj, Czeslaw PTAKI OGRODKOW DZIALKOWYCH. [BIRDS OF ALLOTMENTS.] Acta Ornithol. (Warsaw) 16 (5) : 179-208. 10 Dec. 1977. In Polish with Russian and English summ. WR 170
[Zaklad Ochrony Przyrody PAN, Stacja Sudecka, 50-116 Wroclaw, Poland] City parks.

78-004351 Kemper, Charles A COMPARISON OF IOWA AND WISCONSIN CHECKLISTS. Passenger Pigeon 39 (4): 345-346. 1977. WR 170

78-004352 Kennedy, Robert Senior ECOLOGICAL ANALYSIS AND POPULATION ESTIMATES OF THE BIRDS OF THE ATCHAFALAYA BASIN IN LOUISIANA. Ph.D dissertation, La. State Univ. 216p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(6):2509. Dec. 1977. WR 170

78-004353 King, Ben; Finch, Davis; Stallcup, Richard; Russell, Will FIRST NORTH AMERICAN SIGHTING OF BROWN SHRIKE, (/LANIUS CRISTATUS/) AND DUSKY WARBLER (/PHYLLOSCOPUS FUSCATUS/), AND SECOND RECORD OF RED-THROATED FLYCATCHER (/FICEDULA PARVA/). Am. Birds 32 (2): 158-160. Mar. 1978. WR 170

78-004354 Klapste, Jaroslav BIRD OBSERVATIONS AT ALICE SPRINGS SEWAGE FARM, N.T. Aust. Bird Watcher 7 (5): 148-151. Mar. 1978. WR 170
[6/15 Southy St., Elwood, Victoria 3184, Australia]

78-004355 Kobayashi, Keisuke; Nagasawa, Sumio; Kanzaki, Tsutomu [RELATION BETWEEN THE NUMBER OF BIRD SPECIES AND THE NUMBER OF INDIVIDUALS IN EASTERN CHUGOKU MOUNTAIN RANGE, JAPAN.] Tori 26 (2/3) : 77-86. Nov. 1977. In Japanese with English summ. WR 170
[1-21, 1-chome, Shinohara-Kitamachi, Nadu-ku, Kobe 657, Japan]

78-004356 Krpan, Mladen PRILOG ORNITOFAUNI OTOKA KORCULE. [A CONTRIBUTION TO THE ORNITHOFAUNA OF THE ISLAND OF KORCULA.] Larus 29-30: 93-121. 1977. In Serbo-Croatian with English summ. WR 170
[Ul. Prvoboraca 34, 58000 Split, Yugoslavia] Annotated list of 109 spp.

78-004357 Loyn, R. H. A SURVEY OF BIRDS IN WESTERNPORT BAY, VICTORIA, 1973-74. Emu 78 (1): 11-19. Feb. 1978. WR 170
[Mountain Forest Res. Stn., Sherbrooke, Victoria 3789, Australia]

78-004358 Mackenzie, Paul NEW RECORDS FOR NIGERIA. Nigerian Ornithol. Soc. Bull. 14 (45): 47. May 1978. WR 170
/Parus albiventris/, /Prinia bardii/, and /Laniarius luhderi/.

78-004359 Maltby, Lynda S. BIRDS OF THE COASTAL ZONE OF MELVILLE ISLAND, 1973-1975. Can. Field-Nat. 92 (1): 24-29. Jan.-Mar. 1978. WR 170
[Dep. Biol., Carleton Univ., Ottawa, Ontario K1S 5B6, Canada]

78-004360 Matvejev, Sergije D.; Vasic, Vojislav F. PRVE DOPUNE I KOREKCIJE ZA /CATALOGUS FAUNAE JUGOSLAVIAE--AVES/. [ADDITIONS AND CORRECTIONS TO /CATALOGUS FAUNAE JUGOSLAVIAE--AVES/.] Larus 29-30: 123-136. 1977. In Serbo-Croatian. WR 170
[Inst. Biol., Istrazivanja "Sinisa stankovic", 11000 Belgrade, Yugoslavia]

78-004361 McClelland, Bernard Riley RELATIONSHIPS BETWEEN HOLE-NESTING BIRDS, FOREST SNAGS, AND DECAY IN WESTERN LARCH-DOUGLAS-FIR FORESTS OF THE NORTHERN ROCKY MOUNTAINS. Ph.D. dissertation, Univ. Mont. 517p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):1974. Nov. 1977. WR 170
/Sphyrapicus varius/ and /Dryocopus pileatus/.

78-004362 Miller, J. Robert NOTES ON BIRDS OF SAN SALVADOR ISLAND (WATLINGS), THE BAHAMAS. Auk 95 (2): 281-287. Apr. 1978. WR 170
[Dep. Biol. & Chem., Hartwick Coll., Oneonta, N.Y. 13820] Annotated list of 121 spp.

78-004363 Moltoni, Edgardo; Brichetti, Pierandrea OSSERVAZIONI ORNITOLOGICHE IN CORSICA ALLA FINE DEL MAGGIO 1977. [ORNITHOLOGICAL OBSERVATIONS IN CORSICA DURING LATE MAY 1977.] Riv. Ital. Ornitol. 47 (3): 149-205. Sept. 1977. In Italian. WR 170
Annotated list of 121 spp.

78-004364 Pelle, Istvan; Ham, Istvan; Rasajski, Javorko; Gavrilov, Teodor PREGLED GNEZDARICA VOJVODINE. [SURVEY OF THE BREEDING BIRDS OF VOIVODINA.] Larus 29-30: 171-197. 1977. In Serbo-Croatian with German summ. WR 170
[Ecanski Drum 28, 23000 Zrenjanin, Yugoslavia] Annotated list of 180 spp.

78-004365 Petersen, Gene L.; Flake, Lester D. OBSERVATIONS OF WETLAND BIRD USE OF STOCK PONDS IN NORTHWESTERN SOUTH DAKOTA. Proc. S.D. Acad. Sci. 56: 250. 15 July 1977. Abstract only. WR 170
[Dep. Biol., Midland Lutheran Coll., Fremont, Nebr. 68025] "Exclusive of waterfowl."

78-004366 Powers, Leon R.; Trost, Charles H. EARLY RECORDS OF AVIFAUNA FROM A 1907 SCIENTIFIC EXPEDITION INTO IDAHO. Murrelet 58 (3): 87-88. 1977. WR 170
[Dep. Biol., Northwest Nazarene Coll., Nampa, Idaho 83651]

78-004367 Rea, Amadeo Michael HISTORIC CHANGES IN THE AVIFAUNA OF THE GILA RIVER INDIAN RESERVATION, CENTRAL ARIZONA. Ph.D. dissertation, Univ. Ariz. 361p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(3):1037. Sept. 1977. WR 170

78-004368 Reichholf, Josef BIOGEOGRAPHIE UND OEKOLOGIE DER WASSERVOEGEL IM SUBTROPISCH-TROPISCHEN SUEDAMERIKA. [BIOGEOGRAPHY AND ECOLOGY OF WATER BIRDS IN SUBTROPICAL AND TROPICAL SOUTH AMERICA.] Anz. Ornithol. Ges. Bayern 14 (1): 1-69. Arp. 1975. In German with Spanish and English summ. WR 170
[Zool. Staatssammlung, Maria-Ward-Strasse 1B, 8000 Munich 19, West Germany]

78-004369 Rettig, Klaus WINTERVOGELERHEBUNGEN IN DER MARSCH BEI EMDEN. [WINTER BIRD CONCENTRATIONS IN THE MARSH NEAR EMDEN.] Ornithol. Mitt. 30 (3): 55-56. Mar. 1978. In German. WR 170
[Danzigerstrasse 11, D 2970 Emden, West Germany]

78-004370 Rucner, Renata ZAVICAJNE PTICE OTOKA HVARA. [THE BREEDING BIRDS OF HVAR ISLAND.] Larus 29-30: 211-231. 1977. In Serbo-Croatian with German summ. WR 170
List of 154 spp.

78-004371 Russell, Stephen M.; Lamm, Donald W. NOTES ON THE DISTRIBUTION OF BIRDS IN SONORA, MEXICO. Wilson Bull. 90 (1): 123-131. Mar. 1978. WR 170
[Dep. Ecol. & Evolutionary Biol., Univ. Ariz., Tucson 85721]

78-004372 Sagar, P. M. BIRDS OF THE 1976-77 SNARES ISLANDS EXPEDITION. Notornis 24 (4): 205-210. Dec. 1977. WR 170
[Dep. Zool., Univ. Canterbury, Private Bag, Christchurch, New Zealand] Annotated list of 57 spp.

78-004373 Sedgwick, Eric H. HISTORICAL BIRD LIST: OPEN FOREST AT LARRIMAH, NORTHERN TERRITORY, 1944. Aust. Bird Watcher 7 (5): 142-144. Mar. 1978. WR 170
[20 Herbert Rd., Harvey, Western Australia 6220, Australia]

78-004374 Sharrock, J. T. R.; Rare Breeding Birds Panel RARE BREEDING BIRDS IN THE UNITED KINGDOM IN 1976. Br. Birds 71 (1): 11-33. Jan. 1978. WR 170
[Fountains, Park Lane, Blunham, Bedford MK44 3NJ, England]

78-004375 Shelton, Philip C. OBSERVATIONS OF NORTHERN BIRDS ON MT. ROGERS. Raven 47 (3): 51-53. Sept. 1976. WR 170
[Clinch Valley Coll., Univ. Va., Wise 24293]

78-004376 Sillen, Brigetta; Solbreck, Christer EFFECTS OF AREA AND HABITAT DIVERSITY ON BIRD SPECIES RICHNESS IN LAKES. Ornis Scand. 8 (2): 185-192. 1977. WR 170
[Dep. Zool., Univ. Stockholm, Box 6801, S-113 86 Stockholm, Sweden]

78-004377 Sinclair, J. C. SIGHT RECORDS OF UNUSUAL BIRDS FROM COLABA POINT, BOMBAY, MAHARASHTRA. J. Bombay Nat. Hist. Soc. 73 (3): 530-531. Dec. 1976. WR 170
[120 Madeline Rd., Morningside, Durban 4001, South Africa]

78-004378 Sinclair, J. C. THREE BIRD SPECIES SEEN FOR THE FIRST TIME IN SRI LANKA. J. Bombay Nat. Hist. Soc. 74 (2): 354. Aug. 1977. WR 170
[120 Madeline Rd., Morningside, Durban 40001, South Africa]
/Puffinus griseus/, /Larus ridibundus/ and /Stercorarius parasiticus/.

78-004379 Skinner, N. J. CHECKLISTS OF BIRDS IN NAIROBI NATIONAL PARK. East Afr. Nat. Hist. Soc. Bull. p. 38-39. Mar./Apr. 1977. WR 170
[P.O. Box 30197, Nairobi, Kenya]

78-004380 Sonter, Chris DISTRIBUTIONAL STATUS OF THE RED-BROWED PARDALOTE IN N.S.W. Aust. Bird Watcher 7 (5): 158-160. Mar. 1978. WR 170
[P.O. Box 110, Dareton, New South Wales 2717, Australia]
/Pardalotus rubricatus/.

78-004381 Stamp, Nancy E. BREEDING BIRDS OF RIPARIAN WOODLAND IN SOUTH-CENTRAL ARIZONA. Condor 80 (1): 64-71. 1978. WR 170
[Dep. Zool., Univ. Md., College Park 20742]

78-004382 Svensson, Lars SALLSYNTA FAGLAR I SVERIGE 1976--RAPPORT FRAN SOF:S RARITETSKOMMITTE. [REPORT ON RARE BIRDS IN SWEDEN IN 1976.] Var Fagelvarld 37 (1): 73-80. 1978. In Swedish with English summ. WR 170
[Grevgatan 9, 3 tr., S-114 53 Stockholm, Sweden]

78-004383 Taylor, I. R.; Macdonald, M. A. THE BIRDS OF BIA NATIONAL PARK, GHANA. Nigerian Ornithol. Soc. Bull. 14 (45): 36-41. May 1978. WR 170
[Dep. Zool., Univ. Ghana, Legon, Ghana] Annotated list.

78-004384 Taylor, I. R.; Macdonald, M. A. THE STATUS OF SOME NORTHERN GUINEA SAVANNA BIRDS IN MOLE NATIONAL PARK, GHANA. Nigerian Ornithol. Soc. Bull. 14 (45): 4-8. May 1978. WR 170
[Zool. Dep., Univ. Cape Coast, Cape Coast, Ghana]

78-004385 Thompson, Larry S. SPECIES ABUNDANCE AND HABITAT RELATIONS OF AN INSULAR MONTANE AVIFAUNA. Condor 80 (1): 1-14. 1978. WR 170
[Mont. Dep. Nat. Resour. & Conserv., 32 South Ewing, Helena 59061]

78-004386 Tomialojc, Ludwik; Profus, Piotr COMPARATIVE ANALYSIS OF BREEDING BIRD COMMUNITIES IN TWO PARKS OF WROCLAW AND IN AN ADJACENT /QUERCO-CARPINETUM/ FOREST. Acta Ornithol. (Warsaw) 16 (4): 117-177. 29 Nov. 1977. In English with Polish and Russian summ. WR 170
[Muz. Przyrodnicze Univ., 50-335 Wroclaw, Poland]

78-004387 Vaisanen, Risto A.; Jarvinen, Olli QUANTITATIVE STRUCTURE AND PRIMARY SUCCESSION OF BIRD COMMUNITIES IN A FINNISH ARCHIPELAGO. Ornis Scand. 8 (1): 47-60. 1977. WR 170
[Dep. Genetics, Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland]

78-004388 Vernon, C. J. THE BIRDS OF THE FOREST AROUND ZIMBABWE. Honeyguide no. 93. p. 35-37, 39. Feb. 1978. WR 170
[East London Mus., 319 Oxford St., East London, South Africa]

78-004389 Verschuren, Jacques OBSERVATIONS ORNITHOLOGIQUES DANS LES PARCS NATIONAUX DU ZAIRE, 1968-1974. [ORNITHOLOGICAL OBSERVATIONS IN THE NATIONAL PARKS OF ZAIRE, 1968-1974.] Gerfaut 68 (1): 3-24. 1978. In French with Dutch and English summ. WR 170
[Inst. Roy. Sci. Nat. Belgique, rue Vautier 31, B-1040 Brussels, Belgium]

78-004390 Vidal, Armin OEKOLOGISCH-FAUNISTISCHE UNTERSUCHUNGEN DER VOGELWELT EINIGER WALDFLAECHEN IM RAUM REGENSBURG. [ECOLOGICAL-FAUNISTIC INVESTIGATION OF BIRD LIFE IN SOME WOODLAND AREAS IN THE REGION OF REGENSBURG.] Anz. Ornithol. Ges. Bayern 14 (2): 181-195. Aug. 1975. In German with English summ. WR 170
[Klenzestr. 18, 54 Regensburg, West Germany]

78-004391 Vigano, Enrico Attilio UCCELLI AVVISTATI SUL LAGO DI ANNONE BRIANZA (COMO) NELL'AUTUNNO-INVERNO-PRIMAVERA 1976-1977. [BIRDS SEEN AT LAGO DI ANNONE BRIANZE (COMO) DURING AUTUMN-WINTER-SPRING 1976-1977.] Riv. Ital. Ornitol. 47 (3): 244-247. Sept. 1977. In Italian. WR 170

78-004392 Wallace, Richard Jack A STUDY OF 1976 SUMMER BIRD POPULATIONS IN SELECTED HABITATS ALONG THE VERDIGRIS RIVER IN WAGONER COUNTY, OKLAHOMA. Ph.D. dissertation, Okla. State Univ. 72p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4048. Mar. 1978. WR 170

78-004393 Walters, Jeffrey R. BIRD WATCHING IN AMBOSELI. East Afr. Nat. Hist. Soc. Bull. p. 58-61. May/June 1977. WR 170
[P.O. Box 18, P.O. Namanga, Kenya] Bird list.

78-004394 Wander, Wade BREEDING BIRDS OF SANDY HOOK-1976. N.J. Audubon 3 (5-6): 83-90. May-June 1977. WR 170
"Between 50 and 55 species of birds nested".

78-004395 Wartmann, Beat; Furrer, Robert K. ZUR STRUKTUR DER AVIFAUNA EINES ALPENTALES ENTLANG DES HOEHENGRADIENTEN. I. VERAENDERUNGEN ZUR BRUTZEIT. [THE STRUCTURE OF THE AVIFAUNA OF AN ALPINE VALLEY ALONG ITS ELEVATIONAL GRADIENT: I. CHANGES DURING THE BREEDING SEASON.] Ornithol. Beob. 74 (4-6): 137-160. Dec. 1977. In German with English summ. WR 170
[Zool. Mus., Univ. Zurich, Kunstlergasse 16, 8006 Zurich, Switzerland]

78-004396 Webster, J. Dan NOTES ON THE BIRDS OF THE HAINES AREA OF SOUTHEASTERN ALASKA. Condor 80 (1): 111-112. 1978. WR 170
[Hanover Coll. Hanover, Ind. 47243]

78-004397 Wust, Walter VERLAUF UND ERGEBNISSE ZWEIER FRUEHJAHRSFAHRTEN IN DEN JAHREN 1974 UND 1975 DUCH ZENTRALASIEN: USBEKISTAN, TADSCHIKISTAN UND (NUR 1974) KASACHSTAN. [PROGRESS AND RESULTS OF TWO SPRING JOURNEYS DURING 1974 AND 1975 THROUGH CENTRAL ASIA: UZBEKISTAN TADZHIKISTAN AND (ONLY 1974) KAZAKSTAN.] Anz. Ornithol. Ges. Bayern 15 (2/3): 121-160. Dec. 1976. In German. WR 170
Annotated list of birds.

78-004398 Yeatman, L. COMPARAISONS DE LA DISTRIBUTION DE QUELQUES ESPECES D'APRES LES ATLAS DES ILES BRITANNIQUES ET DE FRANCE. [COMPARISONS OF THE DISTRIBUTION OF SEVERAL SPECIES ACCORDING TO THE ATLAS OF THE BRITISH ISLES AND FRANCE.] Oiseau Rev. Fr. Ornithol. 47 (4): 359-380. 1977. In French with English summ. WR 170
[69 rue Claude-Bernard, 75005 Paris, France] The almost simultaneous publication of the Atlas of breeding birds in France and in the British Isles give interesting information on the distribution of bird species on both sides of the Channel. 184 species breed in both Countries, while 42 breed only in the British Isles and 80 only in France. The recent trends of regression and expansion of some bird species are similar.--From summ.

BIRDS--MORPHOLOGY & PHYSIOLOGY

78-004399 Allaire, Pierre N. ABERRANT PIGMENTATION IN KENTUCKY BIRDS. Ky. Warbler 53 (1): 13-16. Feb. 1977. WR 170
[Dep. Sci. & Math., Lees Jr. Coll., Jackson, Ky. 41339]

78-004400 Bacon, P. J. AERODYNAMIC MEASUREMENTS OF BIRDS. Ringing Migration 1 (2): 120. Dec. 1976. WR 170
[St. Catherines Coll., Oxford, England]

78-004401 Carmichael, Wayne W.; Biggs, David F. MUSCLE SENSITIVITY DIFFERENCES IN TWO AVIAN SPECIES TO ANATOXIN-/A/ PRODUCED BY THE FRESHWATER CYANOPHYTE /ANABAENA FLOS-AQUAE/ NRC-44-1. Can. J. Zool. 56 (3): 510-512. Mar. 1978. In English with French summ. WR 170
[Dep. Biol. Sci., Wright State Univ., Dayton, Ohio 45435] /Anas platyrhynchos/ and /Phasianus colchicus/.

78-004402 Hagen, Horst LEUKISMUS BEI EINEM NACKTKEHLFRANKOLIN (/FRANCOLINUS ATER/) UND EINEM GOLIATHREIHER (/ARDEA GOLIATH/). [ALBINISM IN /FRANCOLINUS ATER/ AND /ARDEA GOLIATH/.] Ornithol. Mitt. 30 (2): 40-44. Feb. 1978. In German. WR 170
[Bremer Strasse 16, D 2148 Zeven, West Germany]

78-004403 Henley, Catherine; Feduccia, Alan; Costello, Donald P. OSCINE SPERMATOZOA: A LIGHT- AND ELECTRON-MICROSCOPY STUDY. Condor 80 (1): 41-48. 1978. WR 170
[Dep. Zool. Univ. N.C., Chapel Hill 27514]

78-004404 Hummel, Dietrich DIE LEISTUNGSERSPARNIS IN FLUGFORMATIONEN VON VOEGELN MIT UNTERSCHIEDEN IN GROESSE, FORM UND GEWICHT. [THE POWER REDUCTION IN FLIGHT FORMATIONS OF BIRDS WITH DIFFERENT SIZE, PLAN-FORM SHAPE AND WEIGHT.] J. Ornithol. 119 (1): 52-73. Jan. 1978. In German with English summ. WR 170
[Talwiese 25, 3302 Cremlingen 1, West Germany]

78-004405 Matson, Timothy O.; Caldwell, Larry D. LIPID DEPOSITION IN NESTLINGS OF THE HOUSE SPARROW AND RED-WINGED BLACKBIRD. Kirtlandia no. 26. p. 1-8. 1978. WR 170
[Cleveland Mus. Nat. Hist., Cleveland, Ohio] /Passer domesticus/ and /Agelaius phoeniceus/ in Michigan.

78-004406 Matson, Timothy O.; Caldwell, Larry D. LIPID DEPOSITION IN THE HOUSE SPARROW AND RED-WINGED BLACKBIRD. Kirtlandia no. 25. p. 1-8. 1978. WR 170
[Cleveland Mus. Nat. Hist., Cleveland, Ohio] /Passer domesticus/ and /Agelaius phoeniceus/ in Michigan.

78-004407 Rhijn, Johan G. van PROCESSES IN FEATHERS CAUSED BY BATHING IN WATER. Ardea 65 (3-4): 126-147. Mar. 1978. In English with Dutch summ. WR 170
[Zool. Lab., Kerklaan 30, Haren (Gr.), Netherlands.]

78-004408 Taigen, Theodore L.; Packard, Gary C.; Sotherland, Paul R; Hanka, L. R. INFLUENCE OF SOLUTE CONCENTRATION IN ALBUMEN ON WATER LOSS FROM AVIAN EGGS. Auk 95 (2): 422-424. Apr. 1978. WR 170
[Dep. Zool. & Anatomy, Colo. State Univ., Fort Collins 80523]

78-004409 Woldow, Norman A NEWLY REPORTED AERODYNAMIC FUNCTION OF THE BIRDS' TAIL. Trans. Mo. Acad. Sci. 10 & 11: 239. 1977. Abstract only. WR 170
[Dep. Biol., Maryville Coll., St. Louis, Mo.]

78-004410 Yawetz, Aminadav; Agosin, Moises; Perry, Albert S. SPECTRAL AND CATALYTIC PROPERTIES OF CYTOCHROME /P/-450 FROM FOUR WILD BIRD SPECIES. Comp. Biochem. Physiol. C Comp. Pharmacol. 59 (1): 45-49. 1978. WR 170
[George S. Wise Cent., Life Sci., Tel-Aviv Univ., Ramat Aviv, Israel] /Tyto alba/, /Turdus merula/, /Pycnonotus capensis/ and /Passer domesticus/.

BIRDS--BEHAVIOR

78-004411 Arnold, Stevan J. THE EVOLUTION OF A SPECIAL CLASS OF MODIFIABLE BEHAVIORS IN RELATION TO ENVIRONMENTAL PATTERN. Am. Nat. 112 (984): 415-427. Mar.-Apr. 1978. WR 170
[Dep. Biol., Univ. Chicago, Chicago, Ill. 60637] Foraging /Pluvialis squatarola/ as example.

78-004412 Boswall, Jeffery TOOL USING BY BIRDS AND RELATED BEHAVIOR. Avic. Mag. 83 (4): 220-228. Oct.-Dec. 1977. WR 170
Conclusion.

78-004413 Curio, Eberhard; Augst, Hans-Joachim; Bocking, Hans-Wilhelm; Milinski, Manfred; Ohguchi, Osamu WIE SINGVOEGEL AUF FEINDRUFE HASSEN LERNEN. [HOW SONGBIRDS LEARN TO FEAR THE CALLS OF PREDATORS.] J. Ornithol. 119 (2): 231-233. Apr. 1978. In German with English summ. WR 170
[Biology, Ruhr-Univ., Postfach 10 21 48, 4630 Bochum 1, West Germany]

78-004414 Davenport, L. J. LATE SWALLOW ASSOCIATING WITH HOUSE SPARROWS. Br. Birds 71 (3): 130. Mar. 1978. WR 170
[4 Church St., Betchworth, Surrey, England] /Hirundo rustica/ and /Passer domesticus/.

78-004415 Dean, W. R. J. AN ANALYSIS OF AVIAN STOMACH CONTENTS FROM SOUTHERN AFRICA. Bull. Br. Ornithol. Club 98 (1): 11-13. Mar. 1978. WR 170
[Barberspan Ornithol. Res. Stn., P.O. Barberspan 2765, South Africa]

78-004416 Dock, Charles Francis MORPHOMETRIC ANALYSIS OF BIRD SPECIES WITHIN SOME TROPICAL FOREST AND TEMPERATE CHAPARRAL COMMUNITIES: AN ESTIMATE OF COMPETITIVE RELATIONSHIPS. Ph.D. dissertation, Univ. Southern Calif. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(10):4620. Apr. 1978. WR 170
Copies available from Micrographics Department, Doheny Library, Univ. Southern Calif., Los Angeles 90007.

78-004417 Eckhardt, Robert Campbell FORAGING STRATEGIES IN TWO GUILDS OF INSECTIVOROUS BIRDS IN THE COLORADO ROCKY MOUNTAINS. Ph.D. dissertation, Cornell Univ. 129p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(7):3023. Jan. 1978. WR 170

78-004418 Elliott, P. F. EVIDENCE OF HOST SPECIALIZATION BY THE BROWN-HEADED COWBIRD AMONG THREE PRAIRIE, GROUNDNESTING SPECIES. Trans. Kans. Acad. Sci. 78 (1&2): 13-14. 1975. Abstract only. WR 170
[Div. Biol., Kans. State Univ., Manhattan] /Molothrus ater/, /Sturnella magna/, /Spiza americana/ and /Ammodramus savannarum/ in Kansas.

78-004419 Evand, David L. BEHAVIOR OF AVIAN PREDATORS FEEDING ON /BOMBUS/ AND ITS MIMIC, /HALLOTA/. Trans. Mo. Acad. Sci. 10 & 11: 323. 1977. Abstract only. WR 170
[Univ. Ill., Urbana 61801] /Cyanocitta cristata/ and /Dumatella carolinensis/.

78-004420 Gochfeld, Michael; Tudor, Guy ANT-FOLLOWING BIRDS IN SOUTH AMERICAN SUBTROPICAL FORESTS. Wilson Bull. 90 (1): 139-141. Mar. 1978. WR 170
[Field Res. Cent., Rockefeller Univ., Millbrook, N.Y. 12545]

78-004421 Greig-Smith, P. W. IMITATIVE FORAGING IN MIXED-SPECIES FLOCKS OF SEYCHELLES BIRDS. Ibis 120 (2): 233-235. Apr. 1978. WR 170
[School Biol. Sci., Univ. Sussex, Falmer, Brighton BN1 9QG, England] Data for 4 spp.

78-004422 Grubb, Thomas C., Jr. WEATHER-DEPENDENT FORAGING RATES OF WINTERING WOODLAND BIRDS. Auk 95 (2): 370-376. Apr. 1978. WR 170
[Dep. Zool., Ohio State Univ., Columbus 43210]

78-004423 Hartshorne, Charles DO BIRDS ENJOY SINGING? (AN ORNITHO-PHILOSOPHICAL DISCOURSE). Bull. Tex. Ornithol. Soc. 8: 2-5. Dec. 1975. WR 170

78-004424 Heathcote, Peter C. CARRION CROW ATTEMPTING TO CATCH FLYING DUNLIN WITH FOOT. Br. Birds 71 (3): 134-135. Mar. 1978. WR 170
[21 Dickens Close, Hartley, Dartford, Kent DA3 8DP, England] /Corvus corone/ and /Calidris alpina/.

78-004425 Martin, Philip TO FIND A WAY HOME. Bird Observer East. Mass. 6 (2): 48-57. Mar.-Apr. 1978. WR 170

78-004426 Ramsey, A. Ogden THE MENTALITY OF BIRDS. N. Am. Bird Bander 3 (1): 6-10. Jan.-Mar. 1978. WR 170
[RD 1, Hanover, Pa. 17331]

78-004427 Rybczynski, Robert DYNAMIC ASPECTS OF BIRD FLOCKING: THE INFLUENCE OF WEATHER, AND PATTERNS OF SPATIAL UTILIZATION. Ph.D. dissertation, Cornell Univ. 219p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4045. Mar. 1978. WR 170

78-004428 Schlichter, Lyanne WINTER PREDATION BY BLACK-CAPPED CHICKADEES AND DOWNY WOODPECKERS ON INHABITANTS OF THE GOLDENROD BALL GALL. Can. Field-Nat. 92 (1): 71-74. Jan.-Mar. 1978. WR 170
[Dep. Zool., Univ. Toronto, Toronto, Ontario M5S 1A1, Canada] /Parus atricapillus/ and /Picoides pubescens/.

78-004429 Schultz, Janet L. BIRD CONSUMPTION OF SCARLET ELDER FRUIT IN MICHIGAN'S UPPER PENINSULA. Jack-Pine Warbler 56 (1): 3-7. Mar. 1978. WR 170
[North Central Forest Exp. Stn., U.S. Dep. Agric., Marquette, Mich.]

78-004430 Shedd, Douglas "MOBBING". Ill. Audubon Bull. no. 184. p. 36-37. 1978. WR 170
[Section Ecol. Systematics, Langmuir Lab., Cornell Univ., Ithaca, N.Y. 14853]

78-004431 Shrout, Dewey Arthur FLOCKING AND FORAGING BEHAVIOR OF WINTER BIRDS IN THREE HABITATS OF NORTHERN ARIZONA. Ph.D. dissertation, Northern Ariz. Univ. 260p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(3):1087. Sept. 1977. WR 170

78-004432 Siverin, Bengt SEXUELLA RYTMER HOS FAGLAR. [SEXUAL RHYTHMS IN BIRDS.] Var Fagelvarld 37 (1): 47-58. 1978. In Swedish with English summ. WR 170
[Zool. Inst., S-400 33 Goteborg 33, Sweden] Review paper.

78-004433 Slagsvold, Tore BIRD SONG ACTIVITY IN RELATION TO BREEDING CYCLE, SPRING WEATHER, AND ENVIRONMENTAL PHENOLOGY. Ornis Scand. 8 (2): 197-222. 1977. WR 170
[Zool. Inst., Univ. Trondheim, Rosenborg, N-7000 Trondheim, Norway]

78-004434 Taylor, R. D.; Fynn, K. J. EGYPTIAN GEESE MAKING USE OF AFRICAN FISH EAGLE NESTS. Honeyguide no. 93. p. 42-43. Feb. 1978. WR 170
/Alopochen aegyptiacus/. and /Haliaeetus vocifer/.

78-004435 Wagner, Judith Louise INSECTIVOROUS BIRDS: FLOCKING AND FORAGING. Ph.D. dissertation, Stanford Univ. 93p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(6):2514. Dec. 1977. WR 170

78-004436 Willis, Ian BULLFINCH FEEDING YOUNG GREENFINCHES. Br. Birds 71 (3): 135. Mar. 1978. WR 170
[59 The Green, Southwick, West Sussex BN4 4FX, England] /Pyrrhula pyrrhula/ and /Carduelis chloris/.

BIRDS--POPULATION DYNAMICS

78-004437 Bancroft, Jean MANY NESTS ON ONE SMALL LOT. Blue Jay 36 (1): 40. Mar. 1978. WR 170
[264 Campbell St., Winnipeg, Manitoba R3N 1B5, Canada] Eleven nests on a 16-square-meter lot. [Nine species.]

78-004438 Child, P. FLUCTUATIONS IN BIRDLIFE IN A SUBALPINE BASIN. Notornis 25 (1): 71-83. Mar. 1978. WR 170
[10 Royal Terrace, Alexandra, New Zealand]

78-004439 Cruon, Roger; Baudez, Gildas L'ABONDANCE DES OISEAUX NICHEURS EN FRANCE: PREMIERS RESULTATS DU PROGRAMME R.A.PO.R. [THE ABUNDANCE OF NESTING BIRDS IN FRANCE: FIRST] Alauda 46 (1): 53-74. Feb. 1978. In French with German and English summ. WR 170
[Soc. Etudes Ornithol., E.N.S. Lab. Zool., 75230 Paris Cedex 05, France]

78-004440 Emlen, John T. DENSITY ANOMALIES AND REGULATORY MECHANISMS IN LAND BIRD POPULATIONS ON THE FLORIDA PENINSULA. Am. Nat. 112 (984): 265-286. Mar.-Apr. 1978. WR 170
[Dep. Zool., Univ. Wis., Madison 53706]

78-004441 Morgan, R. A. CHANGES IN THE BREEDING BIRD COMMUNITY AT GIBRALTAR POINT, LINCOLNSHIRE, BETWEEN 1965 AND 1974. Bird Study 25 (1): 51-58. Mar. 1978. WR 170
[British Trust Ornithol., Beech Grove, Tring, Hertfordshire HP23 5NR, England]

78-004442 Williamson, G. Bruce A COMMENT ON EQUILIBRIUM TURNOVER RATES FOR ISLANDS. Am. Nat. 112 (983): 241-243. Jan.-Feb. 1978. WR 170
[Dep. Biol., Univ. South Fla., Tampa 33620]

BIRDS--MIGRATION & BANDING REPORTS

78-004443 Backhurst, G. C. EAST AFRICAN BIRD RINGING REPORT 1974-77. J. East Afr. Nat. Hist. Soc. Natl. Mus. 31 (163): 10p. 31 Oct. 1977. WR 170
[P.O. Box 29003, Kabete, Nairobi, Kenya]

78-004444 Barre, H.; Mougin, J. L.; Prevost, J.; Van Beveren, M. BIRD RINGING IN THE CROZET ARCHIPELAGO, KERGUELEN, NEW AMSTERDAM AND ST. PAUL ISLANDS. Ring 8 (86-87): 1-16. 1976. WR 170

78-004445 Busse, P.; Petryna, A. OPERATION BALTIC 1974. POLISH SECTION. Ring 7 (83): 226-227. 1975. WR 170

78-004446 Busse, P.; Maksalon, L.; Petryna, A. OPERATION BALTIC 1976. POLISH SECTION. Ring 8 (89): 72-73. 1976. WR 170

78-004447 de L. Brooke, M. DIFFERENT CAPTURE TIMES OF RARE AND COMMON MIGRANTS AT SKOKHOLM BIRD OBSERVATORY. Ringing Migration 1 (3): 131-134. Dec. 1977. WR 170
[Edward Grey Inst., South Parks Rd., Oxford, England] Data for 10 spp.

78-004448 Gavrilov, E. I. BIRD MIGRATION STUDIES IN THE WESTERN ASIATIC PART OF SOVIET UNION. Ring 8 (86-87): 18-19. 1976. WR 170

78-004449 Gavrilov, E. I. BIRD RINGING IN KAZAKHSTAN 9. Ring 8 (89): 71-72. 1976. WR 170

78-004450 Gavrilov, E. I. BIRD RINGING IN KAZAKHSTAN 8. Ring 7 (82): 211-213. 1975. WR 170

78-004451 H. H. Madansinhji of Kutch SOME RIDDLES OF GAME BIRD MIGRATION IN KUTCH-2. J. Bombay Nat. Hist. Soc. 73 (3): 523-524. Dec. 1976. WR 170
[Palace, Bhuj, Kutch, India]

78-004452 Henty, C. J. A MOONWATCH STUDY OF NOCTURNAL MIGRATION OVER CENTRAL SCOTLAND. Scott. Birds 10 (1): 2-10. 1978. WR 170
[Dep. Psychol., Univ. Stirling, Stirling FK9 4LA Scotland]

78-004453 Holden, Nelda RECOVERIES AND RETRAPS, 1957-75. S.D. Bird Notes 28 (3): 46-47. Sept. 1976. WR 170

78-004454 Horner, Kenneth Otto A STATISTICAL ANALYSIS OF SPRING BIRD MIGRATION AT BAHIJ, ARAB REPUBLIC OF EGYPT. Ph.D. dissertation, Va. Polytech. Inst. & State Univ. 373p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(4):1604. Oct. 1977. WR 170

78-004455 Long, R. CHANNEL ISLANDS BIRD RINGING SCHEME. THE FIRST HUNDRED THOUSAND. Ring 7 (84-85): 251-254. 1975. WR 170

78-004456 Nankinov, D. ON THE POSSIBLE INFLUENCE OF EARTHQUAKES ON THE MIGRATION OF BIRDS. Ring 8 (92): 133-136. 1977. WR 170

78-004457 Rucner, Renata THE SIGNIFICANCE OF THE ADRIATIC COAST OF CROATIA, YUGOSLAVIA, FOR BIRD MIGRATION. Ring 7 (84-85): 263-264. 1975. WR 170

78-004458 Schonart, Edgar ORNITHOLOGISCHE BEOBACHTUNGEN WAEHREND DES HERBSTZUGES 1976 AUF DER FORSCHUNGSPLATTFORM "NORDSEE." [ORNITHOLOGICAL OBSERVATIONS DURING AUTUMN MIGRATION 1976 FROM THE RESEARCH PLATFORM "NORDSEE."] Ornithol. Mitt. 30 (2): 29-33. Feb. 1978. In German. WR 170
[Inselstation Helgoland, Inst. Vogelforschung, Postfach 1220, D 2192 Helgoland, West Germany] Annotated list of 62 spp.

78-004459 Scott, F. R. BANDING RESULTS AT KIPTOPEKE BEACH IN 1975. Raven 47 (4): 70-72. Dec. 1976. WR 170
[115 Kennondale Lane, Richmond, Va. 22226]

78-004460 Sharland, R. E. RINGING IN NIGERIA 1977. 20TH ANNUAL REPORT. Nigerian Ornithol. Soc. Bull. 14 (45): 24-26. May 978. WR 170
[P.O. Box 342, Kano, Nigeria]

78-004461 Stromar, Ljubica PRSTENOVANJE PTICA U GODINI 1973. 1) REZULTATI PRSTENOVANJA PTICA ZAVODA ZA ORNITOLOGIJU JUGOSLAVENSKE AKADEMIJE ZNANOSTI I UMJETNOSTI U ZAGREBU, XXIII IZVJESTAJ. 2) STRANI NALAZI U JUGOSLAVIJI, XIX IZVJESTAJ. [BIRD BANDING IN 1973: 1. RESULTS OF THE BIRD BANDING CARRIED OUT BY THE INSTITUTE OF ORNITHOLOGY OF THE YUGOSLAV ACADEMY OF SCIENCES AND ARTS, ZAGREB, XXIII REPORT; 2. FOREIGN RECOVERIES IN YUGOSLAVIA, 19TH REPORT.] Larus 29-30: 295-321. 1977. In Serbo-Croatian with English summ. WR 170
[Inst. Ornithol., Yugoslav Acad. Sci. & Arts, Ilirski trg 9/II, 41000 Zagreg, Yugoslavia]

78-004462 Thouy, Pierre NOUVELLES CAPTURES ET OBSERVATIONS HIVERNALES AU MAROC. [NEW CAPTURES AND WINTER OBSERVATIONS IN MOROCCO.] Alauda 46 (1): 87-93. Feb. 1978. In French with German and English summ. WR 170
[B.P. 23, Settat, Morocco]

BIRDS--MORTALITY & SURVIVAL

78-004463 Cooley, C. Dwight TELEVISION TOWER CASUALTIES AT HUNTSVILLE FALL, 1976. Ala. Birdlife 25 (3,4): 14-15. 1977. WR 170
[P.O. Box 25, Hazel Green, Ala. 35750]

78-004464 Cutright, Noel J. BIRD KILL OVER LAKE MICHIGAN. Indiana Audubon Q. 56 (2): 76-78. May 1978. WR 170
[West Bend, Wis.]

78-004465 Lochmiller, Robert WINTER BIRD MORTALITY ALONG OCONEE COUNTY HIGHWAYS. Oriole 42 (4): 83-85. Dec. 1977. WR 170
[Dep. Fisheries & Wildl., Va. Polytech. Inst. & State Univ., Blacksburg 24061]

78-004466 Olyphant, Jane C. TWO OLD WOODPECKERS. N. Am. Bird Bander 3 (1): 11. Jan.-Mar. 1978. WR 170
[8609 Hidden Bay Trail, North, Lake Elmo, Minn. 55042] /Dryocopus pileatus/--13 years. /D. villosus/--13 years.

78-004467 Rydzewski, W. LONGEVITY OF CAGED BIRDS. Ring 7 (84-85): 262-263. 1975. WR 170

BIRDS--PESTICIDES & POLLUTION

78-004468 Albers, P. H.; Szaro, R. C. EFFECTS OF NO. 2 FUEL OIL ON COMMON EIDER EGGS. Mar. Pollut. Bull. 9 (5): 138-139. May 1978. WR 170
[Patuxent Wildl. Res. Cent., Laurel, Md. 20811] /Somateria mollissima/.

78-004469 Albers, Peter H. THE EFFECTS OF PETROLEUM OF DIFFERENT STAGES OF INCUBATION IN BIRD EGGS. Bull. Environ. Contam. Toxicol. 19 (5): 624-630. May 1978. WR 170
[Patuxent Wildl. Res. Cent., Laurel, Md. 20811] /Anas platyrhynchos/.

78-004470 Bridges, J. M.; Andrews, R. D. AGRICULTURAL PESTICIDES IN WILD TURKEYS IN SOUTHERN ILLINOIS. Trans. Ill. State Acad. Sci. 69 (4): 473-478. Sept. 1977. WR 170
[Dep. Zool., Eastern Ill. Univ., Charleston 61920] Abstract: Adipose tissue from 55 male turkeys, [/Meleagris gallopavo/] killed during the 1974 hunting season in southern Illinois, was analyzed for pesticide concentrations by gas/liquid chromatography. Twelve pesticides were identified in the samples with only four, total DDT, heptachlor epoxide, toxaphene, and linuron, present in all samples. Concentrations ranged from 0.22 ppm to 0.88 ppm.

78-004471 Call, Daniel J.; Binger, Harvey C.; Shave, Hazel J. ORGANOCHLORINE RESIDUES IN SOME FISH-EATING BIRDS. S.D. Bird Notes 29 (2): 28-30. June 1977. WR 170
[Cent. Lake Superior Environ. Studies, Univ. Wis., Superior 54880] /Haliaeetus leucocephalus/, /Ardea herodias/ and /Casmerodius albus/ in South Dakota.

78-004472 Capen, David Edward THE IMPACT OF PESTICIDES ON THE WHITE-FACED IBIS. Ph.D. dissertation, Utah State Univ. 96p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3532. Feb. 1978. WR 170
/Plegadis chihi/.

78-004473 Choules, G. Lew; Russell, W. C.; Gauthier, D. A. DUCK MORALITY FROM DETERGENT-POLLUTED WATER. J. Wildl. Manage. 42 (2): 410-414. Apr. 1978. WR 170
[Environ. & Life Sci. Div., U.S. Army Dugway Proving Ground, Dugway, Utah 84022] /Anas discors/, /A. clypeata/, /Fulica americana/, /Podiceps auritus/ and /Oxyura jamaicensis/.

78-004474 Conrad, Bernd KORRELATION ZWISCHEN EMBRYONEN-STERBLICHKEIT UND DDE-KONTAMINATION BEIM SPERBER (/ACCIPITER NISUS/). [CORRELATION BETWEEN EMBRYO MORTALITY AND DDE CONTAMINATION IN /ACCIPITER NISUS/.] J. Ornithol. 119 (1): 109-111. Jan. 1978. In German. WR 170
[Papenweg 5, 4700 Hamm, West Germany]

78-004475 Davison, K. L.; Sell, J. L. DIELDRIN-^{14}C ELIMINATION FROM TURKEYS. Arch. Environ. Contam. Toxicol. 7 (2): 245-255. 1978. WR 170
[Agric. Res. Serv., Metabolism & Radiation Res. Lab., Fargo, N. Dak. 58102] /Meleagris gallopavo/.

78-004476 Dieter, Michael P.; Ludke, J. Larry STUDIES ON COMBINED EFFECTS OF ORGANOPHOSPHATES OR CARBAMATES AND MORSODREN IN BIRDS. II. PLASMA AND CHOLINESTERASE IN QUAIL FED MORSODREN AND ORALLY DOSED WITH PARATHION OR CARBOFURAN. Bull. Environ. Contam. Toxicol. 19 (4): 389-395. Apr. 1978. WR 170
[Patuxent Wildl. Res. Cent., Laurel, Md. 20811] /Coturnix coturnix japonica/.

78-004477 Eroschenko, Victor P. ALTERATIONS IN THE TESTES OF THE JAPANESE QUAIL DURING AND AFTER THE INGESTION OF THE INSECTICIDE KEPONE. Toxicol. Appl. Pharmacol. 43 (3): 535-545. Mar. 1978. WR 170
[Dep. Biol. Sci., Univ. Idaho, Moscow 83843] /Coturnix coturnix japonica/.

78-004478 Finley, Mack T.; Dieter, Michael P. INFLUENCE OF LAYING ON LEAD ACCUMULATION IN BONE OF MALLARD DUCKS. J. Toxicol. Environ. Health 4 (1): 123-129. Jan. 1978. WR 170
[Columbia Natl. Fishery Res. Lab., Rt. 1, Columbia, Mo. 65201] /Anas platyrhynchos/.

78-004479 Frank, Laurence G.; Jackson, Rodney M.; Cooper, John E.; French, M. C. A SURVEY OF CHLORINATED HYDROCARBON RESIDUES IN KENYAN BIRDS OF PREY. East Afr. Wildl. J. 15 (4): 295-304. Dec. 1977. In English with French summ. WR 170
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720] Data for 18 spp.

78-004480 Heinz, Gary H.; Finley, Mack T. TOXAPHENE DOES NOT AFFECT AVOIDANCE BEHAVIOR OF YOUNG BLACK DUCKS. J. Wildl. Manage. 42 (2): 408-409. Apr. 1978. WR 170
[Patuxent Wildl. Res. Cent., Laurel, Md. 20811] /Anas rubripes/.

78-004481 Herin, R. A.; Koneil, A. A.; Graham, Doyle G.; Curley, A.; Abou-Donia, M. B. DELAYED NEUROTOXICITY INDUCED BY ORGANOPHOSPHORUS COMPOUNDS IN THE WILD MALLARD DUCKLING: EFFECT OF LEPTOPHOS. J. Environ. Pathol. Toxicol. 1 (3): 233-240. Jan.-Feb. 1978. WR 170
[Abou-Donia: Duke Univ. Med. Cent., Durham, N. C. 22710] /Anas platyrhynchos/.

78-004482 Hunter, B.; Haigh, J. C. DEMYELINATING PERIPHERAL NEUROPATHY IN A GUINEA HEN ASSOCIATED WITH SUBACUTE LEAD INTOXICATION. Avian Dis. 22 (2): 344-349. Apr.-June 1978. WR 170
[Western Coll. Veterinary Med., Univ. Saskatchewan, Saskatoon, Saskatchewan, Canada] Summary: In mammalian species lead acts primarily as a neurotoxin. Lead poisining is common in avian species but lesions in the nervous system have not been associated with it. This paper describes a peripheral neuropathy with fragmentation and segmental demyelination of fibers in the sciatic nerves of an adult guinea hen (/Numida meleagris/) which died of lead poisoning.

78-004483 Juillard, Michel; Praz, Jean-Claude; Etournaud, Alain; Beaud, Pierre DONNEES SUR LA CONTAMINATION DES RAPACES DE SUISSE ROMANDE ET DE LEURS OEUFS PAR LES BIOCIDES ORGANOCHLORES, LES PCB ET LES METAUX LOURDS. [CONTRIBUTIONS ON THE CONTAMINATION OF RAPTORS OF WESTERN SWITZERLAND AND OF THEIR EGGS BY ORGANOCHLORIDES --PCB AND HEAVY METALS.] Nos Oiseaux 34 (5): 189-206. Mar. 1978. In French with German and English summ. WR 170
[Tilleuls 4, CH-2000 Porrentruy, Switzerland]

78-004484 Kolaja, Gerald John THE EFFECTS OF DDT ON EGGSHELL FORMATION IN THE MALLARD DUCK. Ph.D. dissertation, Univ. Md. (Baltimore) 107p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9): 4011. Mar. 1978. WR 170
/Anas platyrhynchos/.

78-004485 Moore, Ken INVESTIGATIONS OF WATERFOWL LEAD POISONING IN CALIFORNIA. Cal-Neva Wildl. Trans. 1977: 19-26. 1977. Copies available from The Wildlife Society, 4606 San Marino Drive, Davis, Calif. 95616. WR 170
[Calif. Dep. Fish & Game, Sacramento]

78-004486 Ohlendorf, Harry M.; Risebrough, Robert W.; Vermeer, Kees EXPOSURE OF MARINE BIRDS TO ENVIRONMENTAL POLLUTANTS. U.S. Fish Wildl. Serv. Wildl. Res. Rep. 9. i + 40p. 1978. WR 170
[Patuxent Wildl. Res. Cent., Laurel, Md. 20811]

78-004487 Ranta, W. B.; Tomassini, F. D.; Nieboer, E. ELEVATION OF COPPER AND NICKEL LEVELS IN PRIMARIES FROM BLACK AND MALLARD DUCKS COLLECTED IN THE SUDBURY DISTRICT, ONTARIO. Can. J. Zool. 56 (4): 581-586. Apr. 1978. In English with French summ. WR 170
[Nieboer: Dep. Chemistry, Laurentian Univ., Sudbury, Ontario, Canada P3E 2C6] /Anas rubripes/ and /A. platyrhynchos/.

78-004488 Stotz, Ivan J.; Greichus, Yvonne A. THE EFFECTS OF A POLYCHLORINATED BIPHENYL (AROCLOR 1254) ON THE WHITE PELICAN: ULTRASTRUCTURE OF HEPATOCYTES. Bull. Environ. Contam. Toxicol. 19 (3): 319-325. Mar. 1978. WR 170
[Dep. Veterinary Sci., S. Dak. State Univ., Brookings 57006] /Pelecanus erythrorhynchos/.

78-004489 Szaro, Robert C.; Albers, Peter H.; Coon, Nancy C. PETROLEUM: EFFECTS ON MALLARD EGG HATCHABILITY. J. Wildl. Manage. 42 (2): 405-406. Apr. 1978. WR 170
[Patuxent Wildl. Res. Cent., Laurel, Md. 20811] /Anas platyrhynchos/.

78-004490 Szymczak, Michael R.; Adrian, William J. LEAD POISONING IN CANADA GEESE IN SOUTHEAST COLORADO. J. Wildl. Manage. 42 (2): 299-306. Apr. 1978. WR 170
[Colo. Div. Wildl., P.O. Box 2287, Fort Collins 80522] /Branta canadensis/.

78-004491 Turner, R. T.; Eliel, L. P. O,P'DDT AS AN ESTROGEN: AN EVALUATION OF ITS ABILITY TO COMPETE WITH ^{3}H-ESTRADIOL FOR NUCLEAR ESTROGEN RECEPTOR SITES IN THE QUAIL OVIDUCT. Bull. Environ. Contam. Toxicol. 19 (2): 139-142. Feb. 1978. WR 170
[American Lake Veterans Hospital, Tacoma, Wash. 98493] /Coturnix coturnix japonica/.

78-004492 Upright, Virginia OIL SPILLS: NOT IF--WHEN? NEW HOPE FOR OILED BIRDS. N.J. Audubon 3 (10): 169-171. Oct. 1977. WR 170
[W-30 Countryside, Blackwood, N.J. 08012]

78-004493 Voronova, L. D.; Evgenov, D. N.; Kuznetzova, T. G.; Shilova, S. A. [SOME FEATURES OF THE NEST BEHAVIOR OF WHEATEARS (/OENANTHE/) FOLLOWING THE TREATMENT OF NESTS BY A PESTICIDE IODOPHENPHOS.] Zool. Zh. 57 (3): 462-464. Mar. 1978. In Russian with English summ. WR 170
[Central Lab. Nature Preservation, USSR Minist. Agric., Moscow, USSR] /Oenanthe isabellina/.

78-004494 Weir, D. N. EFFECTS OF POISONING ON RAVEN AND RAPTOR POPULATIONS. Scott. Birds 10 (1): 31. 1978. WR 170
/Corvus corax/ and /Aquila chrysaetos/.

78-004495 White, Donald H.; Dieter, Michael P. EFFECTS OF DIETARY VANADIUM IN MALLARD DUCKS. J. Toxicol. Environ. Health 4 (1): 43-50. Jan. 1978. WR 170
[Patuxent Wildl. Res. Cent., Gulf Coast Field Stn., P.O. Box 2506, Victoria, Tex. 77901] /Anas platyrhynchos/.

BIRDS--PARASITES & DISEASES

78-004496 Dixon, John E. W. MISCELLANEOUS NOTES ON SOUTH WEST AFRICAN BIRDS. Madoqua 10 (2): 149-151. 1977. WR 170
[Nature Conservation & Tourism Div., Windhoek, South West Africa] Parasites of /Pterocles namaqua/, /P. bicenctus/ and /P. burchelli/.

78-004497 Fain, A.; Hyland, K. E.; Aitken, T. H. G. FLOWER MITES OF THE FAMILY ASCIDAE PHORETIC IN NASAL CAVITIES OF BIRDS (ACARINA: MESOSTIGMATA). Acta Zool. Pathol. Antverpiensia no. 69. p. 99-154. Dec. 1977. In English with French summ. WR 170

78-004498 Grimes, J. E. TRANSMISSION OF CHLAMYDIAE FROM GRACKLES TO TURKEYS. Avian Dis. 22 (2): 308-312. Apr.-June 1978. WR 170
[Dep. Veterinary Microbiol. & Parasitol., Tex. A&M Univ., College Station 77843] /Quiscalus quiscula/.

78-004499 Hazlewood, R. M.; Oddo, A. F.; Pagan, R. D.; Botzler, R. G. THE 1975-76 AVIAN CHOLERA OUTBREAKS IN HUMBOLDT COUNTY, CALIFORNIA. J. Wildl. Dis. 14 (2): 229-232. Apr. 1978. WR 170
[School Nat. Resour., Humboldt State Univ., Arcata, Calif. 95521]

78-004500 Meda, Piero L'IPERCHERATOSI DA ACARI DEGLI ARTI INFERIORI DEI PASSERIFORMI (CONTRIBUTO ANATOMO-PATOGENETICO). [ACARIAN HYPERKERATOSIS OF MINOR SPECIES OF PASSERIFORMES (ANATOMO-PATHOGENETIC CONTRIBUTION).] Riv. Ital. Ornitol. 47 (3): 206-216. Sept. 1977. In Italian. WR 170
/Emberiza citrinella/, /Fringilla coelebs/ and /Pyrrhula pyrrhula/.

78-004501 Mitchell, Richard M.; Dick, James A. ECTOPARASITES FROM NEPAL BIRDS. J. Bombay Nat. Hist. Soc. 74 (2): 264-274. Aug. 1977. WR 170
[Dep. Mammal., Royal Ontario Mus., Toronto, Ontario, Canada] Ectoparasites of 78 spp. of birds are tabulated.

78-004502 Nollen, Paul M. /PHILOPHTHALMUS GRALLI/: IDENTIFICATION AND GROWTH CHARACTERISTICS OF AN ORIENTAL EYEFLUKE OF BIRDS INTRODUCED INTO THE UNITED STATES. Trans. Mo. Acad. Sci. 10 & 11: 323. 1977. Abstract only. WR 170
[Western Ill. Univ., Macomb 61455]

78-004503 Nollen, Paul M.; Murray, Harold D. /PHILOPHTHALMUS GRALLI/: IDENTIFICATION, GROWTH CHARACTERISTICS, AND TREATMENT OF AN ORIENTAL EYEFLUKE OF BIRDS INTRODUCED INTO THE CONTINENTAL UNITED STATES. J. Parasitol. 64 (1): 178-180. Feb. 1978. WR 170
[Dep. Biol. Sci., Western Ill. Univ., Macomb 61455]

78-004504 Spicer, Greg S. NEW HOST RECORDS FOR SOME AVIAN NASAL MITES (ACARI: RHINONYSSINAE, SPELEOGNATHINAE). J. Med. Entomol. 14 (4): 498. 24 Dec. 1977. WR 170
[405 Cedar Creek Ct., Port Worth, Tex. 76103]

78-004505 Williams, Norman A.; Bennett, Gordon F. HEMATOZOA OF SOME BIRDS OF NEW JERSEY AND MARYLAND. Can. J. Zool. 56 (4): 596-603. Apr. 1978. In English with French summ. WR 170
[Dep. Biol., Memorial Univ. Newfoundland, St. John's, Newfoundland, Canada A1B 3X9] Data for 153 spp.

BIRDS--ECONOMICS, DAMAGE, PREDATION, CONTROL

78-004506 Baier, Ernst ELSTERN GREIFEN ZWEI GRUENSPECHTE AN! [MAGPIES CAPTURE TWO GREEN WOODPECKERS.] Ornithol. Mitt. 29 (11-12): 238-239. Nov./Dec. 1977. In German. WR 170
[Sonnenweg 155, D 8491 Grafenwiesen, West Germany] /Pica pica/ and /Picus viridis/.

78-004507 Durfey, Frank; Durfey, Ruth PREYING BY FISCAL SHRIKE ON STREAKY SEED-EATER. East Afr. Nat. Hist. Soc. Bull. p. 132, 134. Nov./Dec. 1977. WR 170
[P.O. Box 30137, Nairobi, Kenya] /Lanius collaris/ and /Serinus striolatus/ in Kenya.

78-004508 Gottfried, Bradley M.; Thompson, Charles F. EXPERIMENTAL ANALYSIS OF NEST PREDATION IN AN OLD-FIELD HABITAT. Auk 95 (2): 304-312. Apr. 1978. WR 170
[Dep. Biol., Mount Mercy Coll., Cedar Rapids, Iowa 52402]

78-004509 Petrinovich, Lewis; Patterson, Thomas COWBIRD PARASITISM ON THE WHITE-CROWNED SPARROW. Auk 95 (2): 415-417. Apr. 1978. WR 170
[Dep. Psychol., Univ. Calif., Riverside 92502] /Molothrus ater/ and /Zonotrichia leucophrys nuttalli/ in California.

GALLINACEOUS BIRDS--GENERAL

78-004510 Blackburn, Del; Gray, Gene AN APPARENT RING-NECKED PHEASANT X BLUE GROUSE HYBRID. Murrelet 58 (3): 78. 1977. WR 170
[Biol. Dep., Clark Coll., Vancouver, Wash. 98663] /Phasianus colchicus/ X /Dendragapus obscurus/.

78-004511 Shymanski, Edward RAISING QUAIL, PARTRIDGE & OTHER GAME BIRDS. Game Bird Breeders ... Gazette 27 (4): 24-26. Apr. 1978. WR 170
[Old Bridge, N.J.]

GROUSE & PTARMIGAN

78-004512 Allen, H. M.; Boggs, C.; Norris, E.; Doering, M. PARENTAL BEHAVIOUR OF CAPTIVE WILLOW GROUSE /LAGOPUS L. LAGOPUS/. Ornis Scand. 8 (2): 175-183. 1977. WR 170
[Inst. Med. Biol., Box 977, N-9001 Tromso, Norway]

78-004513 Drobney, Ronald D.; Sparrowe, Rolin D. LAND USE RELATIONSHIPS AND MOVEMENTS OF GREATER PRAIRIE CHICKENS IN MISSOURI. Trans. Mo. Acad. Sci. 10 & 11: 146-160. 1977. WR 170
[Mo. Coop. Wildl. Res. Unit, Univ. Mo., Columbia 65201] /Tympanuchus cupido pinnatus/.

78-004514 Herzog, Patrick W. SUMMER HABITAT USE BY WHITE-TAILED PTARMIGAN IN SOUTHWESTERN ALBERTA. Can. Field-Nat. 91 (4): 367-371. Oct.-Dec. 1977. WR 170
[Dep. Zool., Univ. Alberta, Edmonton, Alberta T6G 2E9, Canada] /Lagopus leucurus/.

78-004515 Lance, Art N. TERRITORIES AND THE FOOD PLANT OF INDIVIDUAL RED GROUSE. II. TERRITORY SIZE COMPARED WITH AND INDEX OF NUTRIENT SUPPLY IN HEATHER. J. Anim. Ecol. 47 (1): 307-313. Feb. 1978. WR 170
[Nature Conservancy Council, 12 Hope Terrace, Edinburgh, Scotland] /Lagopus l. scoticus/ in Scotland.

78-004516 Maxson, Stephen J. ACTIVITY PATTERNS OF FEMALE RUFFED GROUSE DURING THE BREEDING SEASON. Wilson Bull. 89 (3): 439-455. Sept. 1977. WR 170
[Univ. N. Dak., Grand Forks 58202] /Bonasa umbellus/ in Minnesota.

78-004517 Maxson, Stephen J. EVIDENCE OF BROOD ADOPTION BY RUFFED GROUSE. Wilson Bull. 90 (1): 132-133. Mar. 1978. WR 170
[Dep. Biol., Univ. N. Dak., Grand Forks 58202] /Bonasa umbellus/ in Minnesota.

78-004518 Maxson, Stephen J. A NESTING STUDY OF RUFFED GROUSE AT THE CEDAR NATURAL HISTORY AREA, MINNESOTA. Loon 50 (1): 25-30. 1978. WR 170
[Dep. Biol., Univ. N. Dak., Grand Forks 58202] /Bonasa umbellus/.

78-004519 Miller, G. R.; Watson, Adam TERRITORIES AND THE FOOD PLANT OF INDIVIDUAL RED GROUSE. I. TERRITORY SIZE, NUMBER OF MATES AND BROOD SIZE COMPARED WITH THE ABUNDANCE, PRODUCTION AND DIVERSITY OF HEATHER. J. Anim. Ecol. 47 (1): 293-305. Feb. 1978. WR 170
[Inst. Terrestrial Ecol., Banchory, Kincardineshire, Scotland] /Lagopus l. scoticus/ in Scotland.

78-004520 Mortensen, A.; Tindall, A. UTILIZATION OF DIETARY AMINO ACIDS BY GROUSE (/LAGOPUS LAGOPUS/). Acta Physiol. Scand. 102 (1): 80A. Jan. 1978. Abstract only. WR 170
[Dep. Physiol., Univ. Tromso, Tromso, Norway]

78-004521 Myrberget, Svein SIZE AND SHAPE OF EGGS OF WILLOW GROUSE /LAGOPUS LAGOPUS/. Ornis Scand. 8 (1): 39-46. 1977. WR 170
[DFV Viltforskningen, Elgesetergt. 10, N-7000 Trondheim, Norway]

78-004522 Olsen, O. Wilford; Haskins, Arthur G.; Braun, Clait E. /RHABDOMETRA ALPINENSIS/ N.SP. (CESTODA: PARUTERINIDAE: DILEPIDIDEA) FROM SOUTHERN WHITE-TAILED PTARMIGAN (/LAGOPUS LEUCURUS ALTIPETENS/ OSGOOD) IN COLORADO, U.S.A., WITH A KEY TO THE SPECIES OF /RHABDOMETRA/ CHOLODKOWSKY, 1906. Can. J. Zool. 56 (3): 446-450. Mar. 1978. In English with French summ. WR 170
[Dep. Zool. & Entomol., Colo. State Univ., Fort Collins 80523]

78-004523 Savory, C. J. FOOD CONSUMPTION OF RED GROUSE IN RELATION TO THE AGE AND PRODUCTIVITY OF HEATHER. J. Anim. Ecol. 47 (1): 269-282. Feb. 1978. WR 170
[Poultry Res. Cent., King's Bldg., West Mains Rd., Edinburgh EH9 3JS, Scotland] /Lagopus l. scoticus/ in Scotland.

78-004524 Wiley, R. Haven, Jr. THE LEK MATING SYSTEM OF THE SAGE GROUSE. Sci. Am. 238 (5): 114-125. May 1978. WR 170
[Univ. N.C., Chapel Hill] "In a lek system a large percentage of the females mate with a small percentage of the males. How the system operates among the sage grouse of the Rockies is examined in detail." [/Centrocercus urophasianus/].

78-004525 Yocom, Charles F. STATUS OF THE OREGON RUFFED GROUSE IN NORTHWESTERN CALIFORNIA. Calif. Fish Game 64 (2): 124-127. Apr. 1978. WR 170
[Dep. Wildl. Manage., Humboldt State Coll., Arcata, Calif] /Bonasa umbellus sabini/.

78-004526 Zwickel, Fred C.; Carveth, Robert G. DESERTION OF NESTS BY BLUE GROUSE. Condor 80 (1): 109-111. 1978. WR 170
[Dep. Zool., Univ. Alberta, Edmonton, Alberta, Canada T6G 2E9] /Dendragapus obscurus/ in Canada.

PHASIANIDAE--GENERAL

78-004527 George, Ronnie R.; Farris, Allen L.; Schwartz, Charles C.; Humburg, Dale D.; Coffey, Jack C. NATIVE PRAIRIE GRASS PASTURES AS NESTING HABITAT FOR BOBWHITE QUAIL AND RING-NECKED PHEASANTS. Iowa Wildl. Res. Bull. no. 21. vi + 14p. Jan. 1978. WR 170
/Colinus virginianus/ and /Phasianus colchicus/ in Iowa.

BOBWHITE

78-004528 Gatehouse, R. Wayne; Shelton, Brian R. SOUND LOCALIZATION IN BOBWHITE QUAIL (/COLINUS VIRGINIANUS/). Behav. Biol. 22 (4): 533-540. Apr. 1978. WR 170
[Psychol. Dep., Univ. Guelph, Guelph, Ontario, Canada]

78-004529 Magyar, Irene; Schleidt, W. M.; Miller, E. LOCALIZATION OF SOUND PRODUCING ANIMALS USING THE ARRIVAL TIME DIFFERENCES OF THEIR SIGNALS AT AN ARRAY OF MICROPHONES. Experientia (Basel) 34 (5): 676-677. 15 May 1978. WR 170
[Dep. Zool., Univ. Md., College Park 20742] /Colinus virginianus/ in Maryland.

78-004530 Pourciau, Susan S.; Springer, W. T. FREQUENCY AND DURATION OF PARATYPHOID ORGANISM SHEDDING BY EXPERIMENTALLY INFECTED BOBWHITE QUAIL (/COLINUS VIRGINIANUS/). J. Wildl. Dis. 14 (2): 203-207. Apr. 1978. WR 170
[Dep. Veterinary Sci., La. State Univ., Baton Rouge 70803]

78-004531 Priddy, Robert BLACK LOCUST AS A WINTER FOOD FOR BOBWHITE QUAIL. Proc. Indiana Acad. Sci. 86: 171-172. 1977. Abstract only. WR 170
[Huntington Coll., Huntington, Ind.] /Colinus virginianus/.

78-004532 Wilson, H. R.; Manley, Judith G.; Harms, R. H.; Damron, B. L. THE RESPONSE OF BOBWHITE QUAIL CHICKS TO DIETARY AMMONIUM AND AN ANTIBIOTIC-VITAMIN SUPPLEMENT WHEN FED B(1) AFLATOXIN. Poultry Sci. 57 (2): 403-407. Mar. 1978. WR 170
[Dep. Poultry Sci., Univ. Fla., Gainesville 32611] /Colinus virginianus/.

78-004533 Wiseman, David S. FOOD HABITS AND WEIGHTS OF BOBWHITE FROM NORTHEASTERN OKLAHOMA TALL GRASS PRAIRIE. Proc. Okla. Acad. Sci. 57: 110-115. 1977. WR 170
[Okla. Coop. Wildl. Res. Unit, Okla. State Univ., Stillwater] /Colinus virginianus/.

OTHER AMERICAN QUAIL

78-004534 Anderson, Walter L. VOCALIZATION OF SCALED QUAIL. Condor 80 (1): 49-63. 1978. WR 170
[West Butte Sanctuary Co., 713 Main St., Colusa, Calif. 95932] /Callipepla squamata/ in Arizona.

78-004535 Brown, David E.; Cochran, Collins L.; Waddell, Thomas E. USING CALL-COUNTS TO PREDICT HUNTING SUCCESS FOR SCALED QUAIL. J. Wildl. Manage. 42 (2): 281-287. Apr. 1978. WR 170
[Ariz. Game & Fish Dep., Phoenix 85023] /Callipepla squamata/.

78-004536 Crawford, John A. FACTORS AFFECTING CALIFORNIA QUAIL POPULATIONS ON THE E. E. WILSON WILDLIFE AREA, OREGON. Murrelet 59 (1): 7-13. 1978. WR 170
[Dep. Fisheries & Wildl., Oreg. State Univ., Corvallis 97331] /Lophortyx californicus/.

RING-NECKED PHEASANT

78-004537 Purohit, V. D.; Basrur, P. K.; Smith, V. G. TESTOSTERONE LEVELS IN THE BLOOD PLASMA OF MALE CHICKEN-PHEASANT HYBRIDS. Poultry Sci. 57 (2): 513-517. Mar. 1978. WR 170
[Dep. Biomed. Sci., Univ. Guelph, Guelph, Ontario, Canada N1G 2W1] /Gallus domesticus/ X /Phasianus colchicus/.

OTHER PHASIANIDAE

78-004538 Blem, Charles R. THE ENERGETICS OF YOUNG JAPANESE QUAIL, /COTURNIX COTURNIX JAPONICA/. Comp. Biochem. Physiol. A Comp. Physiol. 59 (2): 219-223. 1978. WR 170
[Dep. Biol., Va. Commonwealth Univ., Richmond 23284]

78-004539 Daugherty, Lynn Bayliss THE FUNCTIONAL SIGNIFICANCE OF VARIATION IN THE VOCAL COMMUNICATION SYSTEM OF JAPANESE QUAIL. Ph.D. dissertation, Univ. Mont. 196p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(11):5228. May 1978. WR 170
/Coturnix coturnix japonica/.

78-004540 El Halawani, M. E.; Burke, W. H.; Ogren, L. A. EFFECTS OF DRUGS THAT MODIFY BRAIN MONOAMINE CONCENTRATIONS ON PHOTOPERIODICALLY-INDUCED TESTICULAR GROWTH IN COTURNIX QUAIL (/COTURNIX COTURNIX JAPONICA/). Biol. Reprod. 18 (2): 198-203. Mar. 1978. WR 170
[Dep. Anim. Sci., Univ. Minn., St. Paul 55108]

78-004541 Gallagher, James E. SEXUAL IMPRINTING: VARIATIONS IN THE PERSISTENCE OF MATE PREFERENCE DUE TO DIFFERENCE IN STIMULUS QUALITY IN JAPANESE QUAIL (/COTURNIX COTURNIX JAPONICA/). Behav. Biol. 22 (4): 559-564. Apr. 1978. WR 170
[Inst. Chem. Biol., Univ. San Francisco, San Francisco, Calif. 94117]

78-004542 Hertelendy, F.; Biellier, H. V. PROSTAGLANDIN LEVELS IN AVIAN BLOOD AND REPRODUCTIVE ORGANS. Biol. Reprod. 18 (2): 204-211. Mar. 1978. WR 170
[Dep. Med. & Physiol., St. Louis Univ. School Med., St. Louis, Mo. 63104] /Coturnix coturnix japonica/.

78-004543 Klemm, Robert D.; Schafersman, Lynn R. DEVELOPMENT OF THE PROCTODEAL GLAND OF THE COMMON COTURNIX FROM HATCH TO ONSET OF SEXUAL MATURITY. Trans. Kans. Acad. Sci. 79 (3&4): 123. 1976. Abstract only. WR 170
[Kans. State Univ., Manhattan] /Coturnix coturnix Japonica/.

78-004544 Kovach, Joseph K. SOURCES OF INDIVIDUAL VARIATIONS IN THE NAIVE APPROACH PREFERENCES OF QUAIL CHICKS: AGE, STIMULUS INTENSITY, AND GENOTYPES. Behaviour 64 (3-4): 173-183. 1978. In English with German summ. WR 170
[Res. Dep., Menninger Foundation, Topeka, Kans.] /Coturnix coturnix japonica/.

78-004545 Maeda, Yoshizane; Hashiguchi, Tsutomu; Taketomi, Manjiro GENETIC VARIATION OF ACID PHOSPHATASE ISOZYME IN THE JAPANESE QUAIL, /COTURNIX COTURNIX JAPONICA/. Jpn. J. Genet. 51 (2): 71-78. Apr. 1976. WR 170
[Lab. Animal Breeding, Kagoshima Univ., Kagoshima 890, Japan]

78-004546 Mentis, M. T. PRINCIPAL FOODS OF AFRICAN QUAIL IN SOUTHERN AND WESTERN NATAL. Lammergeyer 24: 1-4. Mar. 1978. WR 170
[Natal Parks Board, P.O. Box 662, Pietermaritzburg, 3200 South Africa] /Coturnix coturnix/.

78-004547 Michaelson, Toni J.; Klemm, Robert D. LIGHT AND TRANSMISSION ELECTRON MICROSCOPY OF SECRETORY CELLS OF THE PROCTODEAL GLAND IN ADULT MALE COMMON COTURNIX. Trans. Kans. Acad. Sci. 79 (3&4): 124. 1976. Abstract only. WR 170
[Kans. State Univ., Manhattan] /Coturnix coturnix japonica/.

78-004548 Mikami, Shin-ichi; Asari, Masao ULTRASTRUCTURE OF THE SUBFORNICAL ORGAN OF THE JAPANESE QUAIL, /COTURNIX COTURNIX/. Cell Tissue Res. 188 (1): 19-33. 31 Mar. 1978. WR 170
[Dep. Veterinary Anatomy, Iwate Univ., Ueda 3, Morioka 020, Japan]

78-004549 Minezawa, Mitsuru; Wakasugi, Noboru STUDIES ON A PLUMAGE MUTANT (BLACK AT HATCH) IN THE JAPANESE QUAIL. Jpn. J. Genet. 52 (3) : 183-195. June 1977. WR 170
[Lab. Animal Breeding, Nagoya Univ., Nagoya 464, Japan] /Coturnix coturnix japonica/.

78-004550 Okon, Yo E. POSTEMBRYONIC CHANGES OF THE GLYCOGEN RESERVES IN SOME TISSUES OF THE JAPANESE QUAIL (/COTURNIX COTURNIX JAPONICUM/). Comp. Biochem. Physiol. A Comp. Physiol. 60 (1): 37-40. 1978. WR 170
[Dep. Biol., Univ. Ife, Ile-Ife, Nigeria]

78-004551 Paul, Thomas COMMERCIAL PRODUCTION OF CHUKAR PARTRIDGE EGGS ON A SMALL GAME FARM. Game Bird Breeders ... Gazette 27 (2): 28-29, 31. Feb.-Mar. 1978. WR 170
[T & E Quail Haven, Box 260, Cadet, Mo.] [/Alectoris chukar/].

78-004552 Rounsevell, D. E. SWAMP QUAIL EATING SLUGS. Emu 78 (1): 43. Feb. 1978. WR 170
[Natl. Parks & Wildl. Serv., P.O. Box 210, Sandy Bay, Tasmania 7005, Australia /Coturnix ypsilophora/ in Australia.

78-004553 Schafersman, L. R.; Klemm, R. D. THE EMBRYONIC DEVELOPMENT OF THE PROCTODEAL GLAND OF /COTURNIX COTURNIX JAPONICA/. Trans. Kans. Acad. Sci. 79 (3&4): 122-123. 1976. WR 170
[Kans. State Univ., Manhattan]

78-004554 Schafersman, L. R. THE EMBRYONIC DEVELOPMENT OF THE PROCTODEAL GLAND OF /COTURNIX COTURNIX JAPONICA/. Trans. Kans. Acad. Sci. 78 (1&2): 20-21. 1975. Abstract only. WR 170
[Kans. State Univ., Manhattan]

78-004555 Severinghaus, Sheldon Root A STUDY OF THE SWINHOE'S AND MIKADO PHEASANTS IN TAIWAN WITH RECOMMENDATIONS FOR THEIR CONSERVATION. Ph.D. dissertation, Cornell Univ. 377p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3490. Feb. 1978. WR 170
/Lophura swinhoii/ and /Syrmaticus mikado/.

78-004556 Siopes, Thomas D.; Wilson, Wilbor O. THE EFFECT OF INTENSITY AND DURATION OF LIGHT ON PHOTOREFRACTORINESS AND SUBSEQUENT EGG PRODUCTION OF CHUKAR PARTRIDGE. Biol. Reprod. 18 (2): 155-159. Mar. 1978. WR 170
[Dep. Avian Sci., Univ. Calif., Davis 95616] /Alectoris graeca chukar/.

78-004557 Watanabe, Tomomasa; Wakasugi, Noboru GENETIC VARIANTS OF PANCREATIC ALPHA-AMYLASE IN THE JAPANESE QUAIL. Jpn. J. Genet. 53 (1): 55-57. Feb. 1978. WR 170
[Dep. Biochem., Inst. Developmental Res., Aichi Prefecture Colony, Kasugai, Aichi 480-03, Japan] /Coturnix coturnix japonica/.

78-004558 Weigand, John Paul THE BIOLOGY AND ECOLOGY OF THE HUNGARIAN (EUROPEAN GRAY) PARTRIDGE (/PERDIX PERDIX/ L.) IN NORTHCENTRAL MONTANA. Ph.D. dissertation, Mont. State Univ. 408p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(7):2966. Jan. 1978. WR 170

TURKEY

78-004559 Jackson, J. W.; Andrews, R. D.; Ridgeway, B. T. HELMINTH PARASITES FROM ILLINOIS WILD TURKEYS. Trans. Ill. State Acad. Sci. 69 (4): 455-460. Sept. 1977. WR 170
[Dep. Zool., Eastern Ill. Univ., Charleston 61920] /Meleagris gallopavo silvestris/.

78-004560 Pattee, Oliver Henry EFFECTS OF NUTRITION ON WILD TURKEY REPRODUCTION IN SOUTH TEXAS. Ph.D. dissertation, Tex. A&M Univ. 73p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3489. Feb. 1978. WR 170
/Meleagris gallopavo intermedia/.

DOVES & PIGEONS

78-004561 Burley, Nancy Tyler MATE CHOICE AND SEXUAL SELECTION IN THE PIGEON, /COLUMBA LIVIA/. Ph.D. dissertation, Univ. Tex. (Austin) 279p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(7):3078. Jan. 1978. WR 170

78-004562 Catlett, Robert H.; Walters, Terrence W.; Dutro, Patricia A. THE EFFECT OF FLYING AND NOT FLYING ON MYOGLOBIN CONTENT OF HEART MUSCLE OF THE PIGEON /COLUMBIA LIVIA DOMESTICA/. Comp. Biochem. Physiol. A Comp. Physiol. 59 (4): 401-402. 1978. WR 170
[Dep. Biol., Univ. Colo., Colorado Springs 80907]

78-004563 Dell, John TORRES STRAIT PIGEON BREEDING IN KIMBERLEY, WA. Emu 78 (1): 43. Feb. 1978. WR 170
[Western Australian Mus., Francis St., Perth, Western Australia 6000, Australia] /Ducula spilorrhoa/.

78-004564 Grue, Christian Ebbesen CLASSIFICATION, INVENTORY, ANALYSIS, AND EVALUATION OF THE BREEDING HABITAT OF THE MOURNING DOVE (/ZENAIDA MACROURA/) IN TEXAS. Ph.D. dissertation, Tex. A&M Univ. 208p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(11):5114. May 1978. WR 170

78-004565 Gurin, S. S.; Ter-Sarkisyants, A. R. [DEPENDENCE OF THE GENERATED POTENTIALS OF CAUDAL NEOSTRATUM OF PIGEON ON THE PARAMETERS OF AUDIO SIGNALS.] Biol. Nauki (Mosc.) 1977 (11): 95-98. Nov. 1977. In Russian. WR 170
/Columba livia/.

78-004566 Heer, Erwin ZUR BRUTABLOESUNG BEI DER TUERKENTAUBE /STREPTOPELIA DECAOCTO/. [NEST RELIEF BEHAVIOUR OF COLLARED TURTLE DOVE /STREPTOPELIA DECAOCTO/.] Anz. Ornithol. Ges. Bayern 14 (2): 174-180. Aug. 1975. In German with English summ. WR 170
[Nordlinger Str. 7, 7085 Bopfingen, West Germany]

78-004567 Kotov, A. A. [THE MOULT PERIODS AND THE SUCCESSION OF FEATHERING CHANGE IN /STREPTOPELIA DECAOCTO/.] Biol. Nauki (Mosc.) 1977 (12): 53-58. Dec. 1977. In Russian. WR 170

78-004568 Kreithen, Melvin L.; Eisner, Thomas ULTRAVIOLET LIGHT DETECTION BY THE HOMING PIGEON. Nature 272 (5651): 347-348. 23 Mar. 1978. WR 170
[Langmuir Lab., Cornell Univ., Ithaca, N.Y. 14853] /Columba livia/.

78-004569 March, G. L.; McKeown, B. A.; John, T. M.; George, J. C. DIURNAL VARIATION IN CIRCULATING LEVELS OF FREE FATTY ACIDS AND GROWTH HORMONE DURING CROP GLAND ACTIVITY IN THE PIGEON (/COLUMBIA LIVIA/). Comp. Biochem. Physiol. B Comp. Biochem. 59 (2): 143-145. 1978. WR 170
[Dep. Biol. Sci., Simon Fraser Univ., Burnaby, British Columbia, Canada]

78-004570 Palomeque, Jesus; Planas, Jose BLOOD VOLUME IN DOMESTIC PIGEONS. Comp. Biochem. Physiol. A Comp. Physiol. 59 (4): 413-417. 1978. WR 170
[Fisiol. Anim., Univ. Barcelona, Barcelona-7, Spain] /Columba livia/.

78-004571 Purdy, Paul C. AN ECOLOGICAL STUDY OF THE WHITE-WINGED DOVE, /ZENAIDA ASIATICA/ AND THE MOURNING DOVE, /ZENAIDA MACROURA/ IN THEIR WINTERING GROUNDS IN CHOLUTECA, HONDURAS, C.A. Ring 8 (88): 47-48. 1976. WR 170

78-004572 Reichholf, Josef ZUR DISPERSIONSDYNAMIK DER TUERKENTAUBE /STREPTOPELIA DECAOCTO/. [DISPERSION DYNAMICS OF THE COLLARED TURTLE DOVE /STREPTOPELIA DECAOCTO/.] Anz. Ornithol. Ges. Bayern 15 (1): 69-77. Apr. 1976. In German with English summ. WR 170
[Zool. Staatssammlung, Maria-Ward-Str. 1B, 8000 Munich 19, West Germany]

78-004573 Shotter, R. A. ASPECTS OF THE BIOLOGY AND PARASITOLOGY OF THE SPECKLED PIGEON /COLUMBA GUINEA/ L. FROM AHMADU BELLO UNIVERSITY CAMPUS, ZARIA, NORTH CENTRAL STATE, NIGERIA. Zool. J. Linn. Soc. 62 (2): 193-203. Feb. 1978. WR 170
[Dep. Biol. Sci., Bayero Univ. Coll., P.M.B. 3011, Kano, Nigeria]

78-004574 Silver, Rae THE PARENTAL BEHAVIOR OF RING DOVES. Am. Sci. 66 (2): 209-215. Mar.-Apr. 1978. WR 170
[Hollingworth Lab., Barnard Coll., Columbia Univ., New York, N.Y. 10027] /Streptopelia risoria/.

78-004575 Simpson, Marcus B., Jr. BREEDING OF THE PASSENGER PIGEON IN THE BLUE RIDGE MOUNTAINS OF VIRGINIA DURING 1874. Raven 47 (4): 67-69. Dec. 1976. WR 170
[Johns Hopkins Hospital, Baltimore, Md. 21205] /Ectopistes migratorius/.

78-004576 Swarup, Ashit SEASONAL VARIATIONS OF RBC NUMBER, HAEMOGLOBIN CONTENT AND WBC NUMBER IN /COLUMBA LIVIA/--A COMPARATIVE STUDY OF MALE AND FEMALE. Zool. Anz. 199 (5/6): 394-398. 1977. In English. WR 170
[Dep. Statistics, Patna Univ., Patna, India]

78-004577 Tackaert-Henry, M. C.; Kageruka, P. UNE EPIZOOTIE DE TOXOPLASMOSE PARMI LES PIGEONS COURONNES, /GOURA CRISTATA/ PALLAS ET /GOURA VICTORIA/ FRAZER, DU ZOO D'ANVERS. [AN EPIZOOTIC OF TOXOPLASMOSIS IN THE PIGEONS /GOURA CRISTATA/ AND /GOURA VICTORIA/ IN THE ANTWERP ZOO.] Acta Zool. Pathol. Antverpiensia no. 69. p. 163-168. Dec. 1977. In French with Dutch and English summ. WR 170
[Dep. Protozool., Inst. Med. Trop. Prince Leopold, Nationalestraat 155, 2000 Antwerp, Belgium]

78-004578 Tomialojc. Ludwik THE INFLUENCE OF PREDATORS ON BREEDING WOODPIGEONS IN LONDON PARKS. Bird Study 25 (1): 2-10. Mar. 1978. WR 170
[Mus. Nat. Hist., Wroclaw Univ., Sienkiewicza 21, 50-335 Wroclaw, Poland] /Columba palumbus/.

78-004579 Varghese, Thomas /EIMERIA WAIGANIENSIS/ SP. N. FROM THE GREEN-WINGED GROUND DOVE (/CHALCOPHAPS INDICA/ LINNAEUS) AND THE MAGNIFICENT GROUND PIGEON (/OTIDIPHAPS NOBILIS/ GOULD) IN PAPUA NEW GUINEA. J. Parasitol. 64 (2): 312-314. Apr. 1978. WR 170
[Parasitol. Res. Lab., P.O. Box 4820, University, Papua New Guinea]

WATER BIRDS

78-004580 Ash, J. S.; Ashford, O. M. GREAT BLACK-HEADED GULLS /LARUS ICHYTHAETUS/ AND RED-NECKED PHALAROPES /PHALAROPUS LOBATUS/ INLAND IN ETHIOPIA. J. East Afr. Nat. Hist. Soc. Natl. Mus. 31 (162) : 3p. 31 Oct. 1977. WR 170
[Natl. Mus. Nat. Hist., Washington, D.C. 20560]

78-004581 Beason, Robert C. THE INFLUENCES OF WEATHER AND TOPOGRAPHY ON WATER BIRD MIGRATION IN THE SOUTHWESTERN UNITED STATES. Oecologia (Berl.) 32 (2): 153-169. 3 Feb. 1978. WR 170
[Dep. Biol. Sci., Western Ill. Univ., Macomb 61455]

78-004582 Brooke, R. K. SEA AND COASTAL BIRDS COLLECTED IN ANGOLA BY H. SKOOG IN 1912. Bull. Br. Ornithol. Club 98 (1): 31-32. Mar. 1978. WR 170
[Percy FitzPatrick Inst. African Ornithol., Rondebosch 7700, South Africa]

78-004583 Douthwaite, R. J. GEESE AND RED-KNOBBED COOT ON THE KAFUE FLATS IN ZAMBIA, 1970-1974. East Afr. Wildl. J. 16 (1): 29-47. Mar. 1978. WR 170
[Cent. Overseas Pest Res., College House, Wrights Lane, London W8 5SJ, England] /Nettapus auritus/, /Sarkidiornis melanotos/, /Plectropterus gambensis/, /Alopochen aegyptiaca/ and /Fulica cristata/.

78-004584 Elliott, C. C. H. NIGHT HERON AND LESSER BLACK-BACKED GULL RECOVERIES IN CHAD. Nigerian Ornithol. Soc. Bull. 14 (45): 26-27. May 1978. WR 170
[FAO Project Quelea, B.P. 21, N'Djamena, Chad] /Nycticorax nycticorax/ and /Larus fuscus/.

78-004585 Geroudet, Paul L'EVOLUTION DU PEUPLEMENT HIVERNAL DES OISEAUX D'EAU DANS LE CANTON DE GENEVE (LEMAN ET RHONE) DE 1951 A 1977. [THE EVOLUTION OF WINTER POPULATIONS OF WATER BIRDS IN GENEVA CANTON (LEMAN AND RHONE) DURING 1951-1977.] Nos Oiseaux 34 (5): 207-221. Mar. 1978. In French with German and English summ. WR 170
[37 avenue de Champel, CH 1206 Geneva, Switzerland] Includes a postscript for January 1978.

78-004586 Hundt, Dieter KLEINE RAST- UND DURCHZUGSBIOTOPE FUER WASSERVOEGEL IM GEBIET DER OBEREN AMPER. [WINTERIZATION AND PASSAGE PLACES FOR WATERFOWL IN THE AREA OF THE RIVER AMPER IN UPPER BAVARIA.] Anz. Ornithol. Ges. Bayern 15 (2/3): 185-201. Dec. 1976. In German with English summ. WR 170
[Bergerstrasse 15A, 8136 Percha, West Germany]

78-004587 Maxson, G. A. BREEDING, FEEDING AND OTHER UTILIZATION OF SEWAGE LAGOONS BY WATERFOWL. Proc. N. D. Acad. Sci. 32 (1): 31. Apr. 1978. Abstract only. WR 170
[Dep. Biol., Univ. N. Dak., Grand Forks 58202]

78-004588 Mukherjee, Ajit Kumar FOOD-HABITS OF WATER-BIRDS OF THE SUNDARBAN, 24 PARGANAS DISTRICT, WEST BENGAL, INDIA--VI. J. Bombay Nat. Hist. Soc. 73 (3): 482-486. Dec. 1976. WR 170
[Zool. Surv. India, Calcutta, India] Data for 24 spp.

78-004589 Roney, Keith PELICANS, CORMORANTS AND GREAT BLUE HERONS IN SASKATCHEWAN IN 1976. Blue Jay 36 (1): 28-35. Mar. 1978. WR 170
[Saskatchewan Mus. Nat. Hist., Regina, Saskatchewan S4S 0B3, Canada] /Pelecanus erythrorhynchos/, /Phalacrocorax auritus/ and /Ardea herodias/.

78-004590 Saeijs, H. L. F.; Baptist, H. J. M. WATERVOGELS IN DE VERANDERENDE DELTA VAN ZUIDWEST-NEDERLAND. [WATERFOWL IN THE CHANGING DELTA OF THE SOUTH-WEST NETHERLANDS.] Limosa 50 (3-4): 98-113. 1977. In Dutch with English summ. WR 170
[Deltadienst Afdelins Milieu-Onderzoek, Grenadiersweg 31, 4330 AK, Middelburg, Netherlands]

78-004591 Schamel, Douglas BIRD USE OF A BEAUFORT SEA BARRIER ISLAND IN SUMMER. Can. Field-Nat. 92 (1): 55-60. Jan.-Mar. 1978. WR 170
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] Although numerous eiders (/Somateria/ sp.) fed and rested in the island area during spring migration, few did so in late summer, when Oldsquaws (/Clangula hyemalis/) and Red Phalaropes (/Phalaropus fulicarius/) congregated near the island.--From abstr.

78-004592 Taylor, Robert L.; Lott, Marley TRANSMISSION OF SALMONID WHIRLING DISEASE BY BIRDS FED TROUT INFECTED WITH /MYXOSOMA CEREBRALIS/. J. Protozool. 25 (1): 105-106. Feb. 1978. WR 170
[Dep. Veterinary Med., Univ. Nev., Reno 89502] /Anas platyrhynchos/ and /Nycticorax nycticorax/.

78-004593 Whitfield, A. K.; Cyrus, D. P. FEEDING SUCCESSION AND ZONATION OF AQUATIC BIRDS AT FALSE BAY, LAKE ST LUCIA. Ostrich 49 (1): 8-15. Mar. 1978. WR 170
[Dep. Zool., Univ. Natal, Pietermaritzburg 3200, South Africa]

WATERFOWL--GENERAL

78-004594 Bisset, Stewart A. /NOTOCOTYLUS TADORNAE/ N.SP. AND /NOTOCOTYLUS GIPPIENSIS/ (BEVERLEY-BURTON, 1958) (TREMATODA: NOTOCOTYLIDAE) FROM WATERFOWL IN NEW ZEALAND: MORPHOLOGY, LIFE HISTORY AND SYSTEMATIC RELATIONS. J. Helminthol. 51 (4): 365-372. Dec. 1977. WR 170
[Wallaceville Animal Res. Cent., Private Bag, Upper Hutt, New Zealand] /Tadorna variegata/, /Anas superciliosa/ and /Branta canadensis/.

78-004595 Dubbeldam, J. L. FUNCTIONAL ANATOMICAL STUDIES OF THE TRIGEMINAL SYSTEM IN ANATIDAE. Neth. J. Zool. 27 (4): 395. Dec. 1977. Abstract only. WR 170

78-004596 Flake, Lester D.; Petersen, Gene L.; Tucker, W. L. HABITAT RELATIONSHIPS OF BREEDING WATERFOWL ON STOCK PONDS IN NORTHWESTERN SOUTH DAKOTA. Proc. S.D. Acad. Sci. 56: 135-151. 15 July 1977. WR 170
[Dep. Wildl. & Fisheries Sci., S. Dak. State Univ., Brookings 57006]

78-004597 Friend, Milton THE IMPORTANCE OF WATER MANAGEMENT TO THE HEALTH OF CONTINENTAL WATERFOWL POPULATIONS. Annu. Conv. Assoc. Midwest Fish Wildl. Comm. 44: E9-E18. 1977. WR 170
[Natl. Fish & Wildl. Health Lab., Madison, Wis.]

78-004598 Gray, Randall L.; Schultze, Ronald F. NESTING ON WATER BANK LANDS IN MERCED COUNTY. Cal-Neva Wildl. Trans. 1977: 97-102. 1977. Copies available from The Wildlife Society, 4606 San Marino Drive, Davis, Calif. 95616. WR 170
[4260 Silver Crest Ave., Sacramento, Calif.]

78-004599 Nelson, Harvey K. VIEWPOINTS ON FUTURE OF WATERFOWL HUNTING. Annu. Conv. Assoc. Midwest Fish Wildl. Comm. 44: E1-E5. 1977. WR 170
[U.S. Fish & Wildl. Serv., Washington, D.C.]

78-004600 Nilsson, Leif INTERNATIONELLA SJOFAGELINVENTERINGARNA I SVERIGE 1972/73-1975/76. [THE INTERNATIONAL WATERFOWL COUNTS IN SWEDEN 1972/73-1975/76.] Var Fagelvarld 37 (1): 19-32. 1978. In Swedish with English summ. WR 170
[Ekologihuset, S-223 62 Lund, Sweden]

78-004601 Nowak, E. THE POSSIBILITIES OF USING COMPUTERS IN RESEARCH ON WATERFOWL MIGRATION. Ring 7 (83): 227-230. 1975. WR 170

78-004602 Schuster, Siegfried FEHLERQUELLEN BEI WASSERVOGELZAEHLUNGEN AM BEISPIEL BADEN-WUERTTEMBERGISCHER GEWAESSER. [SOURCES OF ERROR IN WATERFOWL CENSUSES.] Anz. Ornithol. Ges. Bayern 14 (1): 79-86. Apr. 1975. In German with English summ. WR 170
[Amriswiler Str. 11, 7760 Radolfzell, West Germany]

78-004603 Sugden, Lawson G. WATERFOWL DAMAGE TO CANADIAN GRAIN, CURRENT PROBLEM AND RESEARCH NEEDS. Can. Wildl. Serv. Occas. Pap. no. 24. 25p. 1976. In English with French summ. WR 170
[Can. Wildl. Serv., Saskatoon, Saskatchewan S7N 0X4, Canada]

78-004604 Wal, Reinder van der RESULTATEN VAN TWEE SEIZOENEN WATERVOGELTELLINGEN IN HET IJSSELMEERGEBIED. [RESULTS OF TWO SEASONS WATERFOWL-COUNTS IN THE IJSSELMEER-AREA.] Watervogels 3 (1): 25-31. Feb. 1978. In Dutch with English summ. WR 170
[Zool. Mus., Plantage Middenlaan 53, Amsterdam-C, Netherlands]

78-004605 White, Donald H.; James, Douglas DIFFERENTIAL USE OF FRESH WATER ENVIRONMENTS BY WINTERING WATERFOWL OF COASTAL TEXAS. Wilson Bull. 90 (1): 99-111. Mar. 1978. WR 170
[Patuxent Wildl. Res. Cent., P.O. Box 2506, Victoria, Tex. 77901]

78-004606 Wright, Vernon L. CAUSES AND EFFECTS OF BIASES ON WATERFOWL HARVEST ESTIMATES. J. Wildl. Manage. 42 (2): 251-262. Apr. 1978. WR 170
[Ill. Dep. Conserv., Springfield 62706]

DUCKS

78-004607 Adrian, William J.; Spraker, Terry R.; Davies, Robert B. EPORNITICS OF ASPERGILLOSIS IN MALLARDS (/ANAS PLATYRHYNCHOS/) IN NORTH CENTRAL COLORADO. J. Wildl. Dis. 14 (2): 212-217. Apr. 1978. WR 170
[Colo. Div. Wildl., 317 West Prospect, Fort Collins 80522]

78-004608 Banks, Richard C. NOMENCLATURE OF THE BLACK-BELLIED WHISTLING-DUCK. Auk 95 (2): 348-352. Apr. 1978. WR 170
[Div. Coop. Res., U.S. Fish & Wildl. Serv., Washington, D.C. 20240] /Dendrocygna/ spp.

78-004609 Berkhoudt, H. TASTE BUDS IN THE BILL OF THE MALLARD (/ANAS PLATYRHYNCHOS/ L.). THEIR MORPHOLOGY, DISTRIBUTION AND FUNCTIONAL SIGNIFICANCE. Neth. J. Zool. 27 (3): 310-331. Sept. 1977. WR 170
[Zool. Lab., Univ. Leiden, Leiden, Netherlands]

78-004610 Bowers, Emory Frank POPULATION DYNAMICS AND DISTRIBUTION OF THE WOOD DUCK (/AIX SPONSA/) IN EASTERN NORTH AMERICA. Ph.D. dissertation, La. State Univ. 293p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(7):2962. Jan. 1978. WR 170

78-004611 Burke, Charles J.; Byers, Steven M.; Montgomery, Robert A. A FIELD GUIDE TO THE AGING OF WOOD DUCK EMBRYOS. J. Wildl. Manage. 42 (2): 432-437. Apr. 1978. WR 170
[Coll. Nat. Resour., Univ. Wis., Stevens Point 54481] /Aix sponsa/.

78-004612 Butler, David G.; Wilson, John X.; Youson, John H. TRANSFORMATION OF CORTICOSTERONE TO 11-DEHYDROCORTICOSTERONE BY NASAL, HARDERIAN, AND LACRYMAL GLANDS OF THE DOMESTIC DUCK (/ANAS PLATYRHYNCHOS/) /IN VITRO/. Gen. Comp. Endocrinol. 34 (4): 475-479. Apr. 1978. WR 170
[Dep. Zool., Univ. Toronto, Toronto, Ontario, Canada]

78-004613 Calegari, Attilio LA CASARCA (/TADORNA FERRUGINEA/) IN ITALIA. NOTIZIE. [NOTES ON THE RUDDY SHELDUCK /TADORNA FERRUGINEA/ IN ITALY.] Riv. Ital Ornitol. 47 (3): 247-249. Sept. 1977. In Italian. WR 170

78-004614 Clark, A. SOME ASPECTS OF THE BEHAVIOUR OF WHISTLING DUCKS IN SOUTH AFRICA. Ostrich 49 (1): 31-39. Mar. 1978. WR 170
[32 Southy Rd., Farrarmere, Benoni 1500, South Africa] /Dendrocygna viduata/ and /D. bicolor/.

78-004615 Connelly, John W., Jr. TRENDS IN BLUE-WINGED AND CINNAMON TEAL POPULATIONS OF EASTERN WASHINGTON. Murrelet 59 (1): 2-6. 1978. WR 170
[Dep. Zool., Wash. State Univ., Pullman 99164] /Anas discors/ and /A. cyanoptera/.

78-004616 Dharmakumarsinhji, R. S. SPOTBILL DUCK (/ANAS P. POECILORHYNCHA/) FORSTER NESTING IN A TREE. J. Bombay Nat. Hist. Soc. 74 (2): 354-355. Aug. 1977. WR 170
[Dil Bahar, Bhavnagar 2, India]

78-004617 Erskine, Anthony J. DURABILITY OF TREE HOLES USED BY BUFFLEHEADS. Can. Field-Nat. 92 (1): 94-95. Jan.-Mar. 1978. WR 170
[Canadian Wildl. Serv., Sackville, New Brunswick E0A 3C0, Canada] /Bucephala albeola/.

78-004618 Featherstone, John David ASPECTS OF NEST SITE SELECTION IN THREE SPECIES OF DUCKS. Ph.D. dissertation, Univ. Toronto 1975. From Diss. Abstr. Int. B Sci. Eng. 38(10):4681. Apr. 1978. WR 170
/Aythya valisineria/, /A. americana/ and /Oxyura jamaicensis/.

78-004619 Fukuda, Michio [A STUDY ON DUCKS WINTERING AT THE SHINOBAZU POND. II. OBSERVATIONS FROM SEPTEMBER 1974 TO APRIL 1977.] Tori 26 (4): 105-114. Dec. 1977. In Japanese with English summ. WR 170
[Ueno Zool. Gardens, Ueno Park, Tokyo 110, Japan] Data for 14 spp.

78-004620 Fukuda, Michio [FIRST RECORD OF THE RING-NECKED DUCK /AYTHYA COLLARIS/ IN JAPAN.] Tori 26 (2/3): 95-96. Nov. 1977. In Japanese with English summ. WR 170
[Ueno Zool. Gardens, Ueno Park, Tokyo 110, Japan]

78-004621 Gilmer, David S.; Ball, I. J.; Cowardin, Lewis M.; Mathisen, John E.; Riechmann, John H. NATURAL CAVITIES USED BY WOOD DUCKS IN NORTH-CENTRAL MINNESOTA. J. Wildl. Manage. 42 (2): 288-298. Apr. 1978. WR 170
[Northern Prairie Wildl. Res. Cent., Jamestown, N. Dak. 58401] /Aix sponsa/.

78-004622 Heusmann, H. W.; Burrell, Richard G.; Bellville, Robert AUTOMATIC SHORT-TERM COLOR MARKER FOR NESTING WOOD DUCKS. J. Wildl. Manage. 42 (2): 429-432. Apr. 1978. WR 170
[Mass. Div. Fisheries & Wildl., Westboro 01581] /Aix sponsa/.

78-004623 Hopper, Richard M.; Funk, Howard D.; Anderson, David R. AGE SPECIFICITY IN MALLARDS BANDED POSTSEASON IN EASTERN COLORADO. J. Wildl. Manage. 42 (2): 263-270. Apr. 1978. WR 170
[Colo. Div. Wildl., Fort Collins 80522] /Anas platyrhynchos/.

78-004624 Joyner, David E. WING MOLT IN FEMALE RUDDY DUCKS. Condor 80 (1): 102-103. 1978. WR 170
[Dep. Zool., Univ. Guelph, Guelph, Ontario N1G 2W1 Canada] /Oxyura jamaicensis/ in Vermont.

78-004625 Korschgen, Carl E.; Gibbs, Harold C.; Mendall, Howard L. AVIAN CHOLERA IN EIDER DUCKS IN MAINE. J. Wildl. Dis. 14 (2): 254-258. Apr. 1978. WR 170
[Maine Coop. Wildl. Res. Unit, Univ. Maine, Orono 04473] /Somateria mollissima dresseri/.

78-004626 Mahoney, Shane P.; Threlfall, William DIGENEA, NEMATODA, AND ACANTHOCEPHALA OF TWO SPECIES OF DUCKS FROM ONTARIO AND EASTERN CANADA. Can. J. Zool. 56 (3): 436-439. Mar. 1978. In English with French summ. WR 170
[Dep. Biol., Memorial Univ., St. John's, Newfoundland, Canada A1B 3X9] /Anas rubripes/ and /Bucephala clangula/.

78-004627 Mikuska, Jozsef; Ham, Istvan PATKA KULASICA, /MELANITA FUSCA/ (L.), U KOPACEVSKOM REZERVATU I U JUGOSLAVIJI. [VELVET SCOTER, /MELANITA FUSCA/ (L.), IN THE KOPACEVSKI RIT RESERVATION AND IN YUGOSLAVIA IN GENERAL.] Larus 29-30: 137-140. 1977. In Serbo-Croatian with English summ. WR 170
[Gunduliceva 19/A, 54000 Osijek, Yugoslavia]

78-004628 Molodovsky, A. V.; Bandura, V. I. [ESTIMATION OF FOOD RESERVES AND SUMMER FEEDING OF THE ANSERIFORMES IN THE SURA RIVER FLOOD-PLAIN IN THE SUBMERGENCE ZONE OF THE CHEBOKSARY WATER RESERVOIR] Zool. Zh. 57 (3): 421-431. Mar. 1978. In Russian with English summ. WR 170
[State Univ. Gorky, Gorky USSR] /Anas querquedula/ and /A. platyrhynchos/.

78-004629 Muller, Wolfgang DER BRUTBESTAND DER BRANDGANS (/TADORNA TADORNA/) AM UNTEREN NIEDERRHEIN 1977. [THE BREEDING STATUS OF THE SHELDUCK /TADORNA TADORNA/ IN NORTHRHINE-WESTPHALIA IN 1977.] Charadrius 13 (4): 111-114. Dec. 1977. In German. WR 170

78-004630 Noseworthy, Susan M.; Threlfall, William SOME METAZOAN PARASITES OF RING-NECKED DUCKS, /AYTHYA COLLARIS/ (DONOVAN), FROM CANADA. J. Parasitol. 64 (2): 365-367. 1978. WR 170
[Dep. Biol., Memorial Univ., St. John's, Newfoundland, Canada A1B 3X9]

78-004631 Patton, John F. INDOCYANINE GREEN: A TEST OF HEPATIC FUNCTION AND A MEASURE OF PLASMA VOLUME IN THE DUCK. Comp. Biochem. Physiol. A Comp. Physiol. 60 (1): 21-24. 1978. WR 170
[U.S. Army Res. Inst. Environ. Med., Natick, Mass. 01760] /Anas platyrhynchos/.

78-004632 Paulke, Edgar; Haase, Eberhard A COMPARISON OF SEASONAL CHANGES IN THE CONCENTRATIONS OF ANDROGENS IN THE PERIPHERAL BLOOD OF WILD AND DOMESTIC DUCKS. Gen. Comp. Endocrinol. 34 (4): 381-390. Apr. 1978. WR 170
[Inst. Haustierkunde, Christian-Albrechts-Univ., Olshausenstrasse 40-60, 2300 Kiel, West Germany] /Anas platyrhynchos/.

78-004633 Seymour, Norman Reginald SOCIAL ASPECTS OF REPRODUCTIVE BEHAVIOUR IN THE BLACK DUCK (/ANAS RUBRIPES/) IN EASTERN NOVA SCOTIA. Ph.D. dissertation, McGill Univ. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(7):3028. Jan. 1978. WR 170

78-004634 Stewart, Paul A. RADIAL DISPERSAL AND SOUTHWARD MIGRATION OF WOOD DUCKS BANDED IN NEW YORK. N. Am. Bird Bander 2 (4): 159-160. Oct.-Dec. 1977. WR 170
[203 Mooreland Dr., Oxford, N.C. 27565] /Aix sponsa/.

78-004635 Storey, Colin R.; Nicholls, Trevor J. OBSERVATIONS ON THE REGULATION OF SEXUAL QUIESCENCE IN JUVENILE AND ADULT MALE MALLARD (/ANAS PLATYRHYNCHOS/). J. Zool. (Lond.) 184 (2): 181-186. Feb. 1978. WR 170
[Dep. Zool. Comp. Physiol., Queen Mary Coll., Mile End Rd., London, England]

78-004636 Str[illegible]r, Robert W.; Di Giulio, Richard; Hamilton, Robert B. EGG CARRYING [illegible] WOOD DUCK. Wilson Bull. 90 (1): 131-132. Mar. 1978. WR 170
[School Forestry & Wildl. Manage., La. State Univ., Baton Rouge 70803] /Aix sponsa/ in Louisiana.

78-004637 Sugden, Lawson G. CANVASBACK HABITAT USE AND PRODUCTION IN SASKATCHEWAN PARKLANDS. Can. Wildl. Serv. Occas. Pap. no. 34. 32p. 1978. In English with French summ. WR 170
/Aythya valisineria/.

78-004638 Titman, R. D.; Seaman, G. A. QUEBEC BANDED WOOD DUCK RECOVERED IN SABA, NETHERLANDS ANTILLES. Bird-Banding 49 (1): 77. 1978. WR 170
[Macdonald Coll., McGill Univ., Ste. Anne de Bellevue, Quebec, Canada] /Aix sponsa/.

78-004639 Williams, Murray CRECHING BEHAVIOUR AND SURVIVAL OF SHELDUCKLINGS. Proc. N.Z. Ecol. Soc. 22: 110-111. 1975. Abstract only. WR 170
[Wildl. Serv., Dep. Internal Affairs, Wellington, New Zealand] /Tadorna tadorna/.

SWANS & GEESE

78-004640 Brickell, Neville THE GEESE OF SHOA. Bokmakierie 29 (4) : 91-92. Dec. 1977. WR 170
[100 Innes Rd., Durban 4001, South Africa] /Alopochen aegyptiacus/.

78-004641 Cooke, Fred; Sulzbach, Daniel S. MORTALITY, EMIGRATION AND SEPARATION OF MATED SNOW GEESE. J. Wildl. Manage. 42 (2): 271-280. Apr. 1978. WR 170
[Dep. Biol., Queen's Univ., Kingston, Ontario K7L 3N6, Canada] /Chen caerulescens/.

78-004642 Eisenhauer, John H. NESTING ECOLOGY AND BEHAVIOR OF PACIFIC BRANT IN ALASKA. Proc. Mont. Acad. Sci. 37: 85. 1978. Abstract only. WR 170
[Dep. Biol. Sci., Univ. Lethbridge, Lethbridge, Alberta, Canada] /Branta bernicla orientalis/.

78-004643 Fitzner, Richard E. A WINTER RECORD OF THE WHITE-FRONTED GOOSE IN EASTERN WASHINGTON. Murrelet 58 (3): 89. 1977. WR 170
[Battelle Pacific Northwest Lab., P.O. Box 999, Richland, Wash. 99352] Includes a summary of other records [/Anser albifrons/].

78-004644 Krogman, Bruce THE TULE GOOSE MYSTERY--A PROBLEM IN TAXONOMY. Am. Birds 32 (2): 164-166. Mar. 1978. WR 170
[NOAA Natl. Marine Fisheries Serv., Marine Mammal Div., 7600 Sandpoint Way, N.E., Seattle, Wash. 98115 /Anser albifrons gambelli/.

78-004645 Kuyken, Eckhart OVERWINTERENDE GANZEN IN BELGIE IN HET SEIZOEN 1975-76. [OVER-WINTERING GEESE IN BELGIUM IN THE 1975-76 SEASON.] Watervogels 3 (1): 10-12. Feb. 1978. In Dutch with English summ. WR 170
[Lab. Oecol. Dieren, Zoogeogr. & Nat., K.L. Ledeganckstraat 35, B-9000 Ghent, Belgium] /Anser albifrons/, /A. brachyrhynchus/ and /A. fabalis/.

78-004646 Lambeck, R. H. D. HET VOORKOMEN VAN ROTGANS /BRANTA BERNICLA/ ONDERSOORTEN IN HET NEDERLANDSE WADDENGEBIED TIJDENS HET VOORJAAR VAN 1976. [THE OCCURRENCE OF BRENT GOOSE /BRANTA BERNICLA/ SUBSPECIES IN THE DUTCH WADDEN SEA AREA DURING SPRING 1976.] Limosa 50 (3-4): 92-97. 1977. In Dutch with English summ. WR 170
[Delta Inst. Hydrobiol. Oderzoek, Vierstraat 28, Yerseke, Netherlands]

78-004647 Lambeck, R. H. D. LEEFTIJDSVERHOUDINGEN EN ANDERE POPULATIEGEGEVENS VAN ROTGANZEN (/BRANTA B. BERNICLA/ L.) IN HET OOSTERSCHELDE/VEERSE MEER-GEBIED IN HET SEIZOEN 1976/1977. [AGE-RATIOS AND OTHER POPULATION DATA OF BRENT GEESE (/BRANTA B. BERNICLA/ L.) IN THE EASTERN SCHELDT/LAKE VEERE AREA DURING THE SEASON 1976/77.] Watervogels 3 (1): 3-9. Feb. 1978. In Dutch with English summ. WR 170
[Delta Inst. Hydrobiol. Onderzoek, Vierstraat 28, Yerseke, Netherlands]

78-004648 Manning, T. H. MEASUREMENTS AND WEIGHTS OF EGGS OF THE CANADA GOOSE, /BRANTA CANADENSIS/, ANALYZED AND COMPARED WITH THOSE OF OTHER SPECIES. Can. J. Zool. 56 (4): 676-687. Apr. 1978. In English with French summ. WR 170
[R.R. 4, Merrickville, Ontario, Canada K0G 1N0] The length and breadth of 334 eggs (82 clutches) of /Branta canadensis interior/ were measured and 125 eggs (30 clutches) were weighed. Published and unpublished data for eggs of /Branta canadensis maxima/, /hutchinsi/, /moffitti/, and /minima/ were also used and comparisions made with published data on 31 other species from seven orders.--From abstr.

78-004649 Mori, John G.; George, J. C. SEASONAL CHANGES IN SERUM LEVELS OF CERTAIN METABOLITES, URIC ACID AND CALCIUM IN THE MIGRATORY CANADA GOOSE (/BRANTA CANADENSIS INTERIOR/). Comp. Biochem. Physiol. B Comp. Biochem. 59 (3): 263-269. 1978. WR 170
[Dep. Zool., Univ. Guelph, Guelph, Ontario, Canada]

78-004650 Mori, John Giovanni CERTAIN ECOPHYSIOLOGICAL ASPECTS IN THE ANNUAL LIFE CYCLE OF THE CANADA GOOSE (/BRANTA CANADENSIS INTERIOR/). Ph.D. dissertation, Univ. Guelph 1977. From Diss. Abstr. Int. B Sci. Eng. 38(4):1592. Oct. 1977. WR 170

78-004651 Owen, Myrfyn; Norderhaug, Magnar POPULATION DYNAMICS OF BARNACLE GEESE /BRANTA LEUCOPSIS/ BREEDING IN SVALBARD, 1948-1976. Ornis Scand. 8 (2): 161-174. 1977. WR 170
[Wildfowl Trust, Slimbridge, Gloucestershire GL2 7BT, England]

78-004652 Philippona, Jules DE SLAAPPLAATS VAN DE KLEINE RIETGANS (/ANSER BRACHYRHYNCHUS/) IN FRIESLAND. [ROOSTS OF THE PINK-FOOTED GOOSE (/ANSER BRACHYRHYNCHUS/) IN FRIESLAND.] Watervogels 3 (1): 32-39. Feb. 1978. In Dutch with English summ. WR 170
[Noordermeent 29, Kraggenburg N.O.P., Netherlands]

78-004653 Plant, Colin W. DIPPERING REACTIONS OF ADULT MUTE SWANS TO INTRUDING JUVENILE. Br. Birds 71 (4): 181. Apr. 1978. WR 170
[597A Barking Rd., Plaistow, London E13 9EZ, England] /Cygnus olor/.

78-004654 Prokosch, Peter PLAENE ZUR EINDEICHUNG VON NAHRUNGSHABITATEN DER DUNKELBAEUCHIGEN RINGELGANS (/BRANTA BERNICLA BERNICLA/) IN SCHLESWIG-HOLSTEIN. [PLANS FOR RECLAMATION OF FEEDING HABITAT OF DARK-BELLIED BRENT GEESE /BRANTA BERNICLA BERNICLA/ IN SCHLESWIG-HOLSTEIN.] Ornithol. Mitt. 30 (1): 3-12. Jan. 1978. In German with English summ. WR 170
[Winterbeker Weg 26, D2300 Kiel 1, West Germany]

78-004655 Ranftl, Helmut; Utschick, Hans SESTAND UND REPRODUKTION DES HOECKERSCHWANS IN BAYERN. [STATUS AND REPRODUCTION OF THE MUTE SWAN IN BAVARIA.] J. Ornithol. 119 (2): 238-239. Apr. 1978. In German. WR 170
[Inst. Vogelkunde, Gsteigstrasse 43, 8100 Garmisch-Partenkirchen, West Germany] /Cygnus olor/.

78-004656 Raveling, Dennis G. THE TIMING OF EGG LAYING BY NORTHERN GEESE. Auk 95 (2): 294-303. Apr. 1978. WR 170
[Div. Wildl. & Fisheries Biol., Univ. Calif. Davis 95616]

78-004657 Sulzbach, D.; Cooke, F. ELEMENTS OF NONRANDOMNESS IN MASS-CAPTURED SAMPLES OF SNOW GEESE. J. Wildl. Manage. 42 (2): 437-441. Apr. 1978. WR 170
[Dep. Biol., Ind. Univ., Bloomington 47401] /Chen caerulescens caerulescens/.

78-004658 Tacha, Thomas C.; Linder, Raymond L.; Kuck, Thomas L. ANALYSIS OF AERIAL CIRCLING SURVEYS FOR CANADA GOOSE BREEDING POPULATIONS. Wildl. Soc. Bull. 6 (1): 42-44. 1978. WR 170
[S. Dak. Coop. Wildl. Res. Unit, Brookings 57007] /Branta canadensis maxima/.

78-004659 Timmerman, A. HET WINTERVOORKOMEN VAN DE KLEINE RIETGANS /ANSER BRACHYRHYNCHUS/. [THE WINTER OCCURRENCE OF THE PINK-FOOTED GOOSE /ANSER BRACHYRHYNCHUS/.] Limosa 50 (3-4): 71-91. 1977. In Dutch with English summ. WR 170
[Rijksinst. Natuurbeheer, Kasteel Broekhuizen, Leersum, Netherlands]

78-004660 Utschick, Hans DER BESTANDSTREND DES HOECKERSCHWANS (/CYGNUS OLOR/) IN SUEDBAYERN IN ABHAENGIGKEIT VON DER STICHPROBENGROESSE. [POPULATION TREND OF THE MUTE SWAN /CYGNUS OLOR/ IN SOUTHERN BAVARIA IN DEPENDENCE OF SAMPLE SIZE.] J. Ornithol. 119 (2): 191-196. Apr. 1978. In German with English summ. WR 170
[Inst. Vogelkunde, Gsteigstr. 43, 8100 Garmisch-Partenkirchen, West Germany]

78-004661 Voet, H.; Lhoest, S.; Devillers, P. L'OBSERVATION D'OIES DES NEIGES DANS LA REGION ANVERSOISE EN 1973-1974. [OBSERVATIONS OF SNOW GEESE IN THE ANTWERP REGION DURING 1973-1974.] Gerfaut 68 (1): 107-109. 1978. In French with Dutch and English summ. WR 170
[Oude Baan 5, B-2070 Ekeren, Belgium] /Anser caerulescens/.

78-004662 Wurdinger, Irene JAHRES- UND TAGESZEITLICHE VERTEILUNG VON SCHLAF, KOMFORTVERHALTEN, LOKOMOTION, NAHRUNGSAUFNAHME UND AGGRESSIVEM VERHALTEN BEI JUVENILEN UND ADULTEN STREIFENGAENSEN (/ANSER INDICUS/ VORM. /PULABEIA INDICA/). [YEARLY AND DAILY DISTRIBUTION OF COMFORT, MAINTENANCE AND AGGRESSIVE BEHAVIOUR IN JUVENILE AND ADULT BAR-HEADED GEESE.] Z. Tierpsychol. 46 (3): 306-323. Mar. 1978. In German with English summ. WR 170
[Padagogische Hochschule, Marienburger Platz 22, D-3200 Hildesheim, West Germany]

LOONS & GREBES

78-004663 Bundy, Graham POSSIBLE POLYGAMY BY RED-THROATED DIVERS. Br. Birds 71 (4): 179-181. Apr. 1978. WR 170
[90 Cauldwell Lane, Whitley Bay, Tyne and Wear, England] /Gavia stellata/.

78-004664 Feerer, J. L.; Garrett, R. L. POTENTIAL WESTERN GREBE EXTINCTION ON CALIFORNIA LAKES. Cal-Neva Wildl. Trans. 1977: 80-89. 1977. Copies available from The Wildlife Society, 4606 San Marino Drive, Davis, Calif. 95616. WR 170
[Humboldt State Univ., Arcata, Calif.] /Aechmophorus occidentalis/.

78-004665 Grant, P. J.; Harrison, Guy BILL COLOUR OF GREAT NORTHERN DIVER. Br. Birds 71 (3): 127-128. Mar. 1978. WR 170
[14 Heathfield Rd., Ashford, Kent TN24 8QD, England] /Gavia immer/ in England.

78-004666 Kinnear, P. K. DIVING TIMES OF GREAT NORTHERN DIVERS ON THE SEA. Br. Birds 71 (3): 126-127. Mar. 1978. WR 170
[2 Mounthooly St., Lerwick, Shetland ZE1 0BJ, Scotland] /Gavia immer/ in Scotland.

78-004667 McIntyre, Judith W. WINTERING BEHAVIOR OF COMMON LOONS. Auk 95 (2): 396-403. Apr. 1978. WR 170
[Dep. Biol., Syracuse Univ., Syracuse, N.Y. 13210] /Gavia immer/ in Virginia.

78-004668 McIntyre, Judy THE COMMON LOON: PART III. POPULATION IN ITASCA STATE PARK MINNESOTA 1957-1976. Loon 50 (1): 38-44. 1978. WR 170
[Dep. Biol., Syracuse Univ., Syracuse, N.Y. 13210] /Gavia immer/.

78-004669 Nilsson, Sven G. ADULT SURVIVAL RATE OF THE BLACK-THROATED DIVER /GAVIA ARCTICA/. Ornis Scand. 8 (2): 193-195. 1977. WR 170
[Dep. Anim. Ecol., Ecology Bldg., S-233 62 Lund, Sweden]

78-004670 Potvliege, Robert ORIGINE GEOGRAPHIQUE POSSIBLE DES GREBES ESCLAVONS, /PODICEPS AURITUS/, CAPTURES EN BELGIQUE. [POSSIBLE GEOGRAPHICAL ORGIN OF HORNED GREBE /PODICEPS AURITUS/ CAPTURED IN BELGIUM.] Gerfaut 68 (1): 121-123. 1978. In French with Dutch and English summ. WR 170
[rue Maximilien 25, B-1050, Brussels, Belgium]

78-004671 Stidolph, R. H. D.; Heather, B. D. NOTES ON POST-BREEDING MOVEMENTS OF THE NEW ZEALAND DABCHICK IN THE SOUTHERN NORTH ISLAND. Notornis 25 (1): 84-88. Mar. 1978. WR 170
[120 Cole St., Masterton, New Zealand] /Podiceps rufopectus/.

78-004672 Sugden, Lawson G. HORNED GREBE BREEDING HABITAT IN SASKATCHEWAN PARKLANDS. Can. Field-Nat. 91 (4): 372-376. Oct.-Dec. 1977. WR 170
[Canadian Wildl. Serv., Saskatoon, Saskatchewan S7N 0X4, Canada] /Podiceps auritus/.

SHOREBIRDS, MARSHBIRDS & ALLIES

78-004673 Archibald, George William THE UNISON CALL OF CRANES AS A USEFUL TAXONOMIC TOOL. Ph.D. dissertation, Cornell Univ. 182p. 1976. From Diss. Abstr. Int. B Sci. Eng. 38(7):3077. Jan. 1978. WR 170
Data for 13 spp.

78-004674 Ash, J. S. /SAROTHRURA/ CRAKES IN ETHIOPIA. Bull. Br. Ornithol. Club 98 (1): 26-29. Mar. 1978. WR 170
[Natl. Mus. Nat. Hist., Washington, D.C. 20560] /Sarothrura ayresi/, /S. rufa/ and /S. elegans/.

78-004675 Ash, J. S. INLAND AND COASTAL OCCURRENCES OF BROAD-BILLED SANDPIPERS /LIMICOLA FALCINELLUS/ IN ETHIOPIA AND DJIBOUTI. Bull. Br. Ornithol. Club 98 (1): 24-26. Mar. 1978. WR 170
[Natl. Mus. Nat. Hist., Washington, D.C. 20560]

78-004676 Bainbridge, Ian P.; Minton, C. D. T. THE MIGRATION AND MORTALITY OF THE CURLEW IN BRITAIN AND IRELAND. Bird Study 25 (1): 39-50. Mar. 1978. WR 170
[Dep. Biol., Liverpool Polytech., Byrom St., Liverpool L3 3AF, England] /Numenius arquata/.

78-004677 Baldwin, John H. A COMPARATIVE STUDY OF SANDHILL CRANE SUBSPECIES. Ph.D. dissertation, Univ. Wis. 165p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(6):2566. Dec. 1977. WR 170
Data for 6 sspp. of /Grus canadensis/.

78-004678 Basso, Roberto; Boano, Giovanni NIDIFICAZIONE IN ITALIA DELLA PITTIMA REALE, /LIMOSA L. LIMOSA/ (L.). [NESTING IN ITALY OF THE BLACK-TAILED GODWIT /LIMOSA L. LIMOSA/.] Riv. Ital. Ornitol. 47 (3): 239-243. Sept. 1977. In Italian with English summ. WR 170

78-004679 Bennett, Alan J. AUDITORY CENSUSING OF GREATER SANDHILL CRANES. Auk 95 (2): 411-413. Apr. 1978. WR 170
[Coll. Nat. Resour., Univ. Wis., Stevens Point 54481] /Grus canadensis tabida/ in Wisconsin.

78-004680 Bennett, Alan J.; Nauman, Lyle E. SUMMER POPULATIONS OF SANDHILL CRANES IN SOUTHEASTERN WISCONSIN, 1976-77. Passenger Pigeon 40 (1): 349-357. 1978. WR 170
[Coll. Nat. Resour., Univ. Wis., Stevens Point 54481] /Grus canadensis tabida/.

78-004681 Bloesch, Max; Dizerens, Maurice; Sutter, Ernst DIE MAUSER DER SCHWUNGFEDERN BEIM WEISSSTORCH /CICONIA CICONIA/. [WING MOULT IN THE WHITE STORK /CICONIA CICONIA/.] Ornithol. Beob. 74 (4-6): 161-188. Dec. 1977. In German with English summ. WR 170
[Salirain 23, 4500 Solothurn, Switzerland]

78-004682 Bowen, D. E. COLONIALITY IN THE UPLAND SANDPIPER (/BARTRAMIA LONGICAUDA/). Trans. Kans. Acad. Sci. 78 (162): 13. 1975. Abstract only. WR 170
[Dep. Biol., Kans. State Univ., Manhattan]

78-004683 Browning, M. Ralph GEOGRAPHIC VARIATION IN DUNLINS, /CALIDRIS ALPINA/, OF NORTH AMERICA. Can. Field-Nat. 91 (4): 391-393. Oct.-Dec. 1977. WR 170
[Natl. Mus. Nat. Hist., Washington, D.C. 20560]

78-004684 Bucher, John E. ON SEXING AMERICAN AVOCETS AND LONG-BILLED CURLEWS. Inl. Bird Banding News 50 (1): 15-18. Jan.-Feb. 1978. WR 170
[Mus. Nat. Hist., Univ. Kans., Lawrence 66045] /Numenius americanus/ and /Recurvirostra americana/.

78-004685 Burger, Joanna COMPETITION BETWEEN CATTLE EGRETS AND NATIVE NORTH AMERICAN HERONS, EGRETS, AND IBISES. Condor 80 (1): 15-23. 1978. WR 170
[Dep. Biol., Livingstone Coll., Rutgers Univ., New Brunswick, N.J. 38903] /Bubulcus ibis/.

78-004686 Cadbury, C. J.; Olney, P. J. S. AVOCET POPULATION DYNAMICS IN ENGLAND. Br. Birds 71 (3): 102-121. Mar. 1978. WR 170
/Recurvirostra avosetta/.

78-004687 Clark, W. C. NEW SCHISTOROPHINE NEMATODES (ACUARIIDAE) FROM NEW ZEALAND SHORE BIRDS. J. Helminthol. 52 (1): 41-50. Mar. 1978. WR 170
[Zool. Dep., Univ. Canterbury, Christchurch, New Zealand] /Haematopus ostralegus finschi/ and /Larus novaehollandiae scopulinus/

78-004688 Cook, David C. FORAGING BEHAVIOUR AND FOOD OF GREY HERONS /ARDEA CINEREA/ ON THE YTHAN ESTUARY. Bird Study 25 (1): 17-22. Mar. 1978. WR 170
[Dep. Primary Industry, P.O. Box 351, Kimbe, West New Britain, Papua New Guinea]

78-004689 Cook, David C. GREY HERONS /ARDEA CINEREA/ HOLDING FEEDING TERRITORIES ON THE YTHAN ESTUARY. Bird Study 25 (1): 11-16. Mar. 1978. WR 170
[Dep. Primary Industry, P.O. Box 351, Kimbe, West New Britian, Papua New Guinea]

78-004690 Craig, John L. THE BEHAVIOUR OF THE PUKEKO, /PORPHYRIO PORPHYRIO MELANOTUS/. N.Z. J. Zool. 4 (4): 413-133. Nov. 1977. WR 170
[Dep. Zool., Univ. Auckland, Private Bag, Auckland, New Zealand]

78-004691 Creutz, Gerhard DER ZUG DES GRAUREIHERS (/ARDEA C. CINEREA/ L.) IN DER OBERLAUSITZ. REIHERSTUDIEN 2. [THE MIGRATION OF THE HERON /ARDEA C. CINEREA/. HERON STUDIES 2.] Beitr. Vogelkd. 23 (6): 330-346. 1977. In German. WR 170
[DDR-8601 Neschwitz b. Bautzen, East Germany]

78-004692 Dann, Peter A FURTHER NOTE ON THE NOMENCLATURE OF NEW ZEALAND SPUR-WINGED PLOVERS. Notornis 24 (4): 284-285. Dec. 1977. WR 170
[Zool. Dep., Univ. Melbourne, Parkville 3052, Victoria, Australia] /Vanellus miles/.

78-004693 Davies, M. WINTERING SNIPE IN MIDDLESEX. Ringing Migration 1 (3): 173-177. Dec. 1977. WR 170
[Dep. Biol., Univ. Stirling, Stirling FK 9LA, England] /Gallinago gallinago/.

78-004694 Decker, R. A.; Hruska, J. C. RENAL ADENOCARCINOMA IN A SARUS CRANE [/GRUS ANTIGONE/]. J. Zoo Anim. Med. 9 (1): 15-16. Mar. 1978. WR 170
[Central Animal Health Lab., Wis. Dep. Agric., Madison 53705]

78-004695 Dimitrijevic, Srda SLJUKARICE (CHARADRIIFORMES) NA PODRUCJU VOJVODINE. [CHARADRIIFORMES IN THE PROVINCE OF VOIVODINA.] Larus 29-30: 5-32. 1977. In Serbo-Croatian with English summ. WR 170
[Neznanog Junaka 6, 2100 Novi Sad, Yugoslavia]

78-004696 Dorio, John C.; Johnson, Jay; Grewe, Alfred H. A SIMPLE TECHNIQUE FOR CAPTURING UPLAND SANDPIPERS. Inl. Bird Banding News 50 (2): 57-58. Mar.-Apr. 1978. WR 170
[Dep. Biol. Sci., St. Cloud State Univ., St. Cloud, Minn. 56301] /Bartramia longicauda/.

78-004697 Duncan, Charles D.; Johnson, Paul G. FIRST BREEDING RECORD OF WHITE-FACED IBIS FOR ALABAMA AND A NEW AREA OF /PLEGADIS/ SYMPATRY. Ala. Birdlife 25 (3,4): 16. 1977. WR 170
[Dep. Chem., Univ. Ala., Birmingham 35294] /Plegadis chihi/.

78-004698 Eades, R. A.; Okill, J. D. WEIGHT VARIATIONS OF RINGED PLOVERS ON THE DEE ESTUARY. Ringing Migration 1 (2): 92-97. Dec. 1976. WR 170
[1 Westway, Lower Heswall, Wirral, Merseyside, England] /Charadrius hiaticula/.

78-004699 Edford, Lois H. BREEDING BIOLOGY OF THE GREAT BLUE HERON IN SOUTHWESTERN LAKE ERIE. M.S. thesis, Ohio State Univ. 152p. 1976. WR 170
/Ardea herodias/--Courtesy/ Marcia M. Wilson.

78-004700 Edgar, A. T. THE REEF HERON (/EGRETTA SACRA/) IN NEW ZEALAND. Notornis 25 (1): 25-58. Mar. 1978. WR 170
[Inlet Rd., Kerikeri, New Zealand]

78-004701 Fairbank, Richard J. WHITE-TAILED PLOVER RESTING ON ITS TARSI. Br. Birds 71 (3): 128. Mar. 1978. WR 170
[5 Nizells Ave., Hove, Sussex BN3 1PL, England] /Chettusia leucura/ in England.

78-004702 Field, Dudley FIRST AERIAL SURVEY FOR WATTLED CRANES. Bokmakierie 30 (1): 18-20. Mar. 1978. WR 170
[P.O. Box 854, Witbank 1035, South Africa] /Bugeranus carunculatus/ in South Africa.

78-004703 Field, G. D. STATUS OF CICONIIFORMES IN SIERRA LEONE. Nigerian Ornithol. Soc. Bull. 14 (45): 42-46. May 1978. WR 170
[Fourah Bay Coll., Freetown, Sierra Leone]

78-004704 Fjeldsa, Jon SEX AND AGE VARIATION IN WING-LENGTH IN THE COOT /FULICA ATRA/. Ardea 65 (3-4): 115-125. Mar. 1978. WR 170
[Zool. Mus., Univ. Copenhagen, Universitetsparken 15, DK-2100 Copenhagen O, Denmark]

78-004705 Gibson, Flash ECOLOGICAL ASPECTS OF THE TIME BUDGET OF THE AMERICAN AVOCET. Am. Midl. Nat. 99 (1): 65-82. Jan. 1978. WR 170
[Biol. Dep., Eastern Wash. State Coll., Cheney 99004] /Recurvirostra americana/ in Oregon.

78-004706 Gloe, Peter WILSON-WASSERTRETER (/PHALAROPUS TRICOLOR/) AN DER HELDORFER BUCHT. [WILSON'S PHALAROPE ON HELDORFER BAY.] Ornithol. Mitt. 30 (1): 14-15. Jan. 1978. In German. WR 170
[Muhlenstrasse 10, D 2223 Heldorf, West Germany]

78-004707 Godin, Jose; Loison, Marius NIDIFICATION DE LA BARGE A QUEUE NOIRE (/LIMOSA LIMOSA/) EN HAINAUT OCCIDENTAL. [NESTING OF BLACK-TAILED GODWIT /LIMOSA LIMOSA/ IN WESTERN HAINAUT.] Gerfaut 68 (1): 115-119. 1978. In French with Dutch and English summ. WR 170
[Univ. Lille, B.P. 36, F-59650 Villeneuve d'Ascq, France]

78-004708 Goss-Custard, J. D. SEQUENTIAL CHOICE FOR PREY SIZE BY CAPTIVE REDSHANK /TRINGA TOTANUS/. Ibis 120 (2): 230-232. Apr. 1978. WR 170
[Inst. Terrestrial Ecol., Furzebrook Res. Stn., Wareham, Dorset, England]

78-004709 Granberg, Bo SPETSSTJARTAD SNAPPA /CALIDRIS ACUMINATA/ ANTRAFFAD I SVERIGE. [FIRST RECORD OF THE SHARP-TAILED SANDPIPER /CALIDRIS ACUMINATA/ IN SWEDEN.] Var Fagelvarld 37 (1): 63-66. 1978. In Swedish with English summ. WR 170
[Vigelsjovagen 17C, S-761 00 Norrtalje, Sweden]

78-004710 Guillet, A. DISTRIBUTION AND CONSERVATION OF THE SHOEBILL (/BALAENICEPS REX/) IN THE SOUTHERN SUDAN. Biol. Conserv. 13 (1): 39-49. Jan. 1978. WR 170
[Percy FitzPatrick Inst. African Ornithol., Rondebosch 7700, South Africa]

78-004711 Henny, Charles J.; Kurtz, John E. GREAT BLUE HERONS RESPOND TO NESTING HABITAT LOSS. Wildl. Soc. Bull. 6 (1): 35-37. 1978. WR 170
[Patuxent Wildl. Res. Cent., 480 S.W. Airport Rd., Corvallis, Oreg. 97330] /Ardea herodias/ in Oregon.

78-004712 Holmes, Alan S. FEEDING ASSOCIATION BETWEEN REDSHANK AND INJURED OYSTERCATCHER. Br. Birds 71 (1): 38-39. Jan. 1978. WR 170
[13 Hunter Crescent, Troon, Strathclydye KA10 7AH, Scotland] /Tringa totanus/ and /Haematopus ostralegus/.

78-004713 Holzinger, Jochen UNTERSUCHUNGEN ZUM VERHALTEN DES FLUSSREGENPFEIFERS /CHARADRIUS DUBIUS/ BEI GESTOERTEM UND UNGESTOERTEM BRUTABLAUF. [INVESTIGATIONS ON THE BEHAVIOUR OF LITTLE RINGED PLOVER /CHARADRIUS DUBIUS/ DURING DISTURBED AND UNDISTURBED INCUBATION.] Anz. Ornithol. Ges. Bayern 14 (2): 166-173. Aug. 1975. In German with English summ. WR 170
[Silcherweg 22, 7911 Oberelchingen, West Germany]

78-004714 Hume, R. A. POSTURE OF JACK SNIPE WHILE FEEDING. Br. Birds 71 (2): 79. Feb. 1978. WR 170
[31 Lime Grove, Burntwood, Walsall WS7 0HA, England] /Lymnocryptes minimus/.

78-004715 Jarman, Howard AN INLAND RECORD OF THE WHIMBREL. Aust. Bird Watcher 7 (5): 170. Mar. 1978. WR 170
[30 Waldamar Rd., Heidelberg, Victoria 3084, Australia] /Numenius phaeopus/.

78-004716 Kidono, Hiroshi [BIRDS OF LAKE TOUFUTSU. I. WADERS.] Tori 26 (4): 115-123. Dec. 1977. In Japanese with English summ. WR 170
[Inst. Appl. Zool., Hokkaido Univ., Sapporo 001, Japan] Annotated list.

78-004717 Knake, Manfred H.; Schneider, Hans-Dieter WATVOGELBERINGUNG IM OSTFRIESISCHEN WATTENMEER. [SHOREBIRD BANDING IN THE EAST FRISIAN SEACOAST.] Ornithol. Mitt. 30 (3): 70-73. Mar. 1978. In German with English summ. WR 170
[Munkenlanderweg 8a, D 2943 Esens/Ostfrl., West Germany]

78-004718 Kroon, G. H. J. de EEN ONDERZOEK NAAR HET VOORKOMEN VAN NEDERLANDSE WATERRALLEN (/RALLUS AQUATICUS/) BUITEN DE BROEDTIJD. [THE OCCURRENCE OF THE WATER RAIL (/RALLUS AQUATICUS/) IN THE NETHERLANDS, OUTSIDE THE BREEDING SEASON.] Watervogels 3 (1): 15-24. Feb. 1978. In Dutch with English summ. WR 170
[Havendijk 56, Gorichem, Netherlands]

78-004719 Macdonald, M. A. SEASONAL CHANGES IN NUMBERS OF WADERS AT CAPE COAST, GHANA. Nigerian Ornithol. Soc. Bull. 14 (45): 28-35. May 1978. WR 170
[Dep. Zool., Univ. Cape Coast, Cape Coast, Ghana] Data for 22 spp.

78-004720 McCrimmon, Donald A., Jr. NEST SITE CHARACTERISTICS AMONG FIVE SPECIES OF HERONS ON THE NORTH CAROLINA COAST. Auk 95 (2): 267-280. Apr. 1978. WR 170
[Natl. Audubon Soc., Cornell Lab. Ornithol., 159 Sapsucker Woods Rd., Ithaca, N.Y. 14253] /Casmerodius albus/, /Egretta thula/, /Bubulcus ibis/, /Florida caerulea/ and /Hydranassa tricolor/.

78-004721 Miller, Lynne M.; Burger, Joanna FACTORS AFFECTING NESTING SUCCESS OF THE GLOSSY IBIS. Auk 95 (2): 353-361. Apr. 1978. WR 170
[Franklin Inst. Res. Lab., Philadelphia, Pa. 19103] /Plegadis falcinellus/ in New York and New Jersey.

78-004722 Moriguchi, Kazuaki [A RECORD OF /CICONIA CICONIA/ FOUND ON SHIODOME RIVER NEAR HAKODATE CITY, HOKKAIDO.] Tori 26 (4): 129. Dec. 1977. In Japanese with English summ. WR 170
[6-1 Shinkawachyo, Hakodate, Hokkaido, Japan]

78-004723 Morris, Frank T. TREE PERCHING BY A SWAMPHEN. Aust. Bird Watcher 7 (5): 165. Mar. 1978. WR 170
[13 Bellett St., Camberwell, Victoria 3124, Australia] /Porphyrio porphyrio melanotus/.

78-004724 Muller, Werner BESTANDESAUFNAHME VON TUEPFEL- UND ZWERGSUMPFHUHN IM NEERACHER RIED ZUR BRUTZEIT 1977. [INVENTORY OF SPOTTED CRAKE AND BAILLON'S CRAKE IN NEERACHER MARSH DURING THE 1977 BREEDING SEASON.] Ornithol. Beob. 74 (4-6): 205-207. Dec. 1977. In German. WR 170
/Porzana porzana/ and /P. pusilla/.

78-004725 Myers, J. P. ONE DELETERIOUS EFFECT OF MOBBING IN THE SOUTHERN LAPWING (/VANELLUS CHILENSIS/). Auk 95 (2): 419-420. Apr. 1978. WR 170
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720]

78-004726 Nilsson, Sven G.; Nilsson, Ingvar N. DVARGBECKASINENS POPULATIONSSTORLEK, BIOTOPVAL OCH SPELRYTM I SODRA SVERIGE. [POPULATION, HABITAT, AND DISPLAY ACTIVITY OF THE JACK SNIPE /LYMNOCRYPTES MINIMUS/ IN SOUTHERN SWEDEN.] Var Fagelvarld 37 (1): 1-8. 1978. In Swedish with English summ. WR 170
[Ekologihuset, Helgonavagen 5, S-223 62 Lund, Sweden]

78-004727 Page, Douglas DISTINCTIVE FEEDING ACTION OF BAIRD'S SANDPIPER. Br. Birds 71 (2): 78-79. Feb. 1978. WR 170
[5 Colvin Close, Arksey, Doncaster, South Yorkshire, England] /Calidris bairdii/ in England.

78-004728 Peterson, Paul C.; Atyeo, Warren T. A NEW GENUS AND SPECIES OF ALLOPTINE FEATHER MITE FROM THE ROSEATE SPOONBILL (ACARINA, ANALGOIDEA, ALLOPTIDAE). Steenstrupia 4 (17): 189-193. 30 Dec. 1977. WR 170
[Dep. Biol. Sci., Youngstown State Univ., Youngstown, Ohio 44555] Abstract: /Anisanchus ptilotus/, gen.n., sp.n., is described from the roseate spoonbill, /Ajaia ajaja/ (Threskiornithidae), from Texas, Mexico and Brazil.

78-004729 Pienkowski, M. W.; Dick, W. J. A. SOME BIASES IN CANNON- AND MIST-NETTED SAMPLES OF WADER POPULATIONS. Ringing Migration 1 (2): 105-107. Dec. 1976. WR 170
[Dep. Zool., Univ. Durham, South Rd., Durham DH1 3LE, England] /Charadrius hiaticula/, /C. alexandrinus/, /Calidris albina/ and /C. ferruginea/ in Africa.

78-004730 Powers, Leon R. RECORD OF PROLONGED INCUBATION BY A KILLDEER. Auk 95 (2): 428. Apr. 1978. WR 170
[Dep. Biol., Northwest Nazarene Coll., Nampa, Idaho 83651] /Charadrius vociferus/.

78-004731 Prater, A. J.; Davies, M. WINTERING SANDERLINGS IN BRITAIN. Bird Study 25 (1): 33-38. Mar. 1978. WR 170
[British Trust Ornithol., Beech Grove, Tring, Hertfordshire HP23 5NR, England] /Calidris alba/.

78-004732 Putnam, Loren S. CATTLE EGRET NESTING IN WESTERN LAKE ERIE. Ohio J. Sci. 78 (2): 69. Mar. 1978. WR 170
[Dep. Zool., Ohio State Univ., Columbus 43210] /Bubulcus ibis/.

78-004733 Ranftl, Helmut; Bandorf, Helmut; Harth, Josef DER GRAUREIHER /ARDEA CINEREA/ IN BAYERN. [THE HERON (/ARDEA CINEREA/) IN BAVARIA.] Anz. Ornithol. Ges. Bayern 15 (2/3): 161-184. Dec. 1976. In German with English summ. WR 170
[Inst. Vogelkunde, Gsteigstr. 43, 8100 Garmisch-Partenkirchen, West Germany]

78-004734 Rickard, W. H.; Hedlund, J. D.; Schreckhise, R. G. REJECTA CAST FROM HERON NESTS AS AN INDICATOR OF FOOD CHAIN CONTAMINATION. Auk 95 (2): 425-427. Apr. 1978. WR 170
[Battelle Memorial Inst., Pacific Northwest Lab., Richland, Wash. 99352] /Ardea herodias/ in Washington.

78-004735 Rodgers, James A., Jr. BREEDING BEHAVIOR OF THE LOUISIANA HERON. Wilson Bull. 90 (1): 45-59. Mar. 1978. WR 170
[Dep. Biol., Univ. South Fla., Tampa 33620] /Hydranassa tricolor/ in Louisiana.

78-004736 Ryder, J. H.; Ryder, B. A. FIRST BREEDING RECORDS OF BLACK STORK IN MALAWI. Ostrich 49 (1): 51. Mar. 1978. WR 170
[Private Bag 316, Lilongwe 3, Malawi] /Ciconia nigra/.

78-004737 Schuz, Ernst WEISSSTORCH UND KUHREIHER ALS GAESTE AUF LANZAROTE (KANARISCHE INSELN). [WHITE STORK AND CATTLE EGRET AS VISITORS TO LANZAROTE (CANARY ISLANDS).] Orntihol. Beob. 74 (4-6): 197-198. Dec. 1977. In German. WR 170
/Ciconia ciconia/ and /Ardeola ibis/.

78-004738 Seibt, Uta; Wickler, Wolfgang MARABOU STORKS WASH DUNG BEETLES. Z. Tierpsychol. 46 (3): 324-327. Mar. 1978. In English with German summ. WR 170
[Max-Planck-Inst., D-8131 Seewiesen, West Germany] /Leptoptilos crumeniferus/ in Kenya.

78-004739 Sibson, R. B. BANDED DOTTERELS ON THE VILLAGE GREEN. Notornis 25 (1): 95-96. Mar. 1978. WR 170
[26 Entrican Ave., Auckland 5, New Zealand] /Charadrius bicinctus/ in New Zealand.

78-004740 Silvestri, Alberto NIDIFICAZIONE DE CICOGNE AMBIENTATE IN ROMAGNA. [NESTING OF THE WHITE STORK IN ROMAGNA.] Riv. Ital. Ornitol. 47 (3): 250-253. Sept. 1977. In Italian. WR 170
/Ciconia ciconia/.

78-004741 Sinclair, J. C. THE PHALAROPES. Bokmakierie 29 (4): 90-91. Dec. 1977. WR 170
[Percy FitzPatrick Inst., Rondebosch 7700, South Africa]
/Phalaropus/ spp.

78-004742 Spaans, Arie L. STATUS AND NUMERICAL FLUCTUATIONS OF SOME NORTH AMERICAN WADERS ALONG THE SURINAM COAST. Wilson Bull. 90 (1): 60-83. Mar. 1978. WR 170
[Res. Inst. Nature Manage., Kemperbergerweg 67, Arnhem, Netherlands]

78-004743 Steventon, D. J. DUNLIN IN PORTSMOUTH, LANGSTONE AND CHICHESTER HARBOURS. Ringing Migration 1 (3): 141-147. Dec. 1977. WR 170
[8 Jumar Close, Warsash, Southampton, England] /Calidris alpina/.

78-004744 Summers, R. W. RESULTS FROM DYE-MARKING WADERS IN THE SOUTHWESTERN CAPE. Ostrich 49 (1): 48-51. Mar. 1978. WR 170
[Percy FitzPartick Inst. Afr. Ornithol., Univ. Capetown, Rondebosch 7700, South Africa] /Calidris ferruginea/, /C. canutus/ and /C. alba/.

78-004745 Toso, Silvano; Tosi, Guido VALUTAZIONE DEGLI EFFETTIVI, DINAMICA DE POPOLAZIONE ED AREALE TROPICO DI UNA GARZAIA DEL MEDIO CORSO DEL FIUME PO. [EVALUATION OF THE EFFECTIVENESS, POPULATION DYNAMICS AND TROPHIC TERRITORY OF A HERONRY IN THE MIDDLE COURSE OF THE PO RIVER.] Riv. Ital. Ornitol. 47 (3): 216-228. Sept. 1977. In Italian with English summ. WR 170
[Inst. Zool., Univ. Milan, Milan, Italy] /Egretta garzetta/ and /Nycticorax nycticorax/.

78-004746 Tree, A. J. WADERS IN CENTRAL MASHONALAND 1975/77. Honeyguide no. 92. p. 31-41. Nov. 1977. WR 170
[101 Lomagundi Rd., Greencroft, Salisbury, Rhodesia]

78-004747 Veitch, C. R. ARCTIC WADERS WINTERING IN NEW ZEALAND. Proc. N.Z. Ecol. Soc. 24: 110-112. 1977. WR 170
[Wildl. Serv., Dep. Internal Affairs, Auckland, New Zealand] Charadrii.

78-004748 Veitch, C. R. WADERS OF THE MANUKAU HARBOUR AND FIRTH OF THAMES. Proc. N.Z. Ecol. Soc. 23: 118. 1976. Abstract only. WR 170
[Wildl. Div., Dep. Internal Affairs, Auckland, New Zealand] "A total of 37 species has been recorded."

78-004749 Veitch, C. R. WADERS OF THE MANUKAU HARBOUR AND FIRTH OF THAMES. Notornis 25 (1): 1-24. Mar. 1978. WR 170
[Wildl. Serv., Dep. Internal Affairs, P.O. Box 2220, Auckland, New Zealand]

78-004750 Werschkul, David F. HISTORY AND PRESENT STATUS OF THE UNIONTOWN HERONRY. Ala. Birdlife 25 (3,4): 7-10. 1977. WR 170
[Dep. Zool., Miss. State Univ., Mississippi State 39762]

78-004751 Whitfield, A. K. THE IMPORTANCE OF THE TIDAL CYCLE TO WADING BIRDS ON MUDFLATS. Bokmakierie 30 (1): 24-25. Mar. 1978. WR 170
[zool. Dep., Univ. Natal, P.O. Box 375, Pietermaritzburg 3200, South Africa]

78-004752 Wust, Walter; Mendheim, Hans KUHREIHER, /ARDEOLA (= BUBULCUS) IBIS/, IN bAYERN. [CATTLE EGRETT, /ARDEOLA (= BUBULCUS) IBIS/, IN BAVARIA.] Ornithol. Mitt. 30 (3): 67, 69. Mar. 1978. In German. WR 170
[Hohenlohestr. 61, 8000 Munich 19, West Germany]

78-004753 Young, E. C. THE OVERLAPPING BREEDING TERRITORIES OF SEVERAL SHORE BIRD SPECIES. Proc. N.Z. Ecol. Soc. 23: 38-44. 1976. WR 170
[Dep. Zool., Univ. Auckland, Auckland, New Zealand] Data for 7 spp.

SEABIRDS & ALLIES

78-004754 Armstrong, I. H.; Coulson, J. C.; Hawkey, P.; Hudson, M. J. FURTHER MASS SEABIRD DEATHS FROM PARALYTIC SHELLFISH POISONING. Br. Birds 71 (2): 58-68. Feb. 1978. WR 170
[RSPB, E Floor, Newcastle-upon-Tyne NE1 1LE, England] /Phalacrocorax aristotelis/ and other seabirds.

78-004755 Arnason, Einar APOSTATIC SELECTION AND KLEPTOPARASITISM IN THE PARASITIC JAEGER. Auk 95 (2): 377-381. Apr. 1978. WR 170
[Dep. Biol. Sci., Univ. Calif., Santa Barbara 93106] /Stercorarius parasiticus/.

78-004756 Ash, Jim NODDY TERN ON LONG ISLAND. Kingbird 28 (1): 31-32. 1978. WR 170
[163-29 87th St., Howard Beach, N.Y. 11414] /Anous stolidus/.

78-004757 Baglieri, Salvatore; Fagotto, Flavio LA RONDINE DI MARE MAGGIORE--/HYDROPROGNE TSCHEGRAVA/ (LEPECHIN)--NELLA SICILIA ORIENTALE. [THE CASPIAN TERN /HYDROPROGNE TSCHEGRAVA/ IN EASTERN SICILY.] Riv. Ital. Ornitol. 47 (3): 229-234. Sept. 1977. In Italian with English summ. WR 170

78-004758 Baker, Allan J.; Coleman, J. D. THE BREEDING CYCLE OF THE WESTLAND BLACK PETREL (/PROCELLARIA WESTLANDICA/). Notornis 24 (4): 211-231. Dec. 1977. WR 170
[Dep. Ornithol., Royal Ontario Mus., 100 Queen's Park, Toronto M5S 2C6, Ontario, Canada]

78-004759 Berkhead, T. R.; Hudson, P. J. POPULATION PARAMETERS FOR THE COMMON GUILLEMOT /URIA AALGE/. Ornis Scand. 8 (2): 145-154. 1977. WR 170
[Dep. Zool., Univ. Sheffield, Sheffield S10 2TN, England]

78-004760 Birkhead, M. E. SOME ASPECTS OF THE FEEDING ECOLOGY OF THE REED CORMORANT AND DARTER ON LAKE KARIBA, RHODESIA. Ostrich 49 (1): 1-7. Mar. 1978. WR 170
[The Cedars, Merchiston Castle School, Colinton, Edinburgh, Scotland] /Phalacrocorax africanus/ and /Anhinga rufa/.

78-004761 Birkhead, T. R. ATTENDANCE PATTERNS OF GUILLEMOTS /URIA AALGE/ AT BREEDING COLONIES ON SKOMER ISLAND. Ibis 120 (2): 219-229. Apr. 1978. WR 170
[Dep. Zool., Univ. Sheffield, S10 2TN Sheffield, England]

78-004762 Blokpoel, H.; Fetterolf, P. M. COLONIZATION BY GULLS AND TERNS OF THE EASTERN HEADLAND, TORONTO OUTER HARBOUR. Bird-Banding 49 (1): 59-65. 1978. WR 170
[Canadian Wildl. Serv., 2721 Highway 31, Ottawa, Ontario, Canada] /Larus argentatus/, /L. delawarensis/, /Sterna hirundo/ and /S. caspia/ in Canada.

78-004763 Borodulina, T. L. [HERBST'S CORPUSCULES OF REMIGES IN TWO SPECIES OF GULLS.] Zool. Zh. 57 (4): 619-622. Apr. 1978. In Russian with English summ. WR 170
[Inst. Anim. Evolutionary Morphol. & Ecol., USSR Acad. Sci., Moscow, USSR] /Larus ridibundus/ and /L. melanocephalus/.

78-004764 Burger, Joanna; Shisler, Joseph NEST SITE SELECTION AND COMPETITIVE INTERACTIONS OF HERRING AND LAUGHING GULLS IN NEW JERSEY. Auk 95 (2): 252-266. Apr. 1978. WR 170
[Dep. Biol., Livingston Coll., Rutgers Univ., New Brunswick, N.J. 08903] /Larus argentatus/ and /L. atricilla/.

78-004765 Burgess, Harold LONG-TAILED JAEGER: NEW RECORD FOR SOUTH DAKOTA. S.D. Bird Notes 27 (4): 69. Dec. 1975. WR 170
[LaCreek Natl. Wildl. Refuge, Martin, S. Dak. 57551] /Stercorarius longicaudus/.

78-004766 Burggraeve, Guido WAARNEMINGEN EN EERSTE BROEDGEVAL VOOR BELGIE VAN DE NOORDSE STERN, /STERNA PARADISAEA/, TE KNOKKE. [FIRST BREEDING RECORD FOR BELGIUM OF THE ARCTIC TERN /STERNA PARADISAEA/ IN KNOKKE.] Gerfaut 68 (1): 99-106. 1978. In Dutch with French and English summ. WR 170
[Ooievaarslaan 8, B-8300 Knokke-Heist, Belgium]

78-004767 Byrd, G. Vernon; Tobish, T. G. WIND-CAUSED MORTALITY IN A KITTIWAKE COLONY AT BULDIR ISLAND, ALASKA. Murrelet 59 (1): 37. 1978. WR 170
[Hawaiian & Pacific Islands Natl. Wildl. Refuge, Box 87, Kilauea, Hawaii 96754] /Rissa brevirostris/ and /R. tridactyla/.

78-004768 Clancey, P. A. GREYHEADED ALBATROSS IN NATAL. Ostrich 49 (1): 51. Mar. 1978. WR 170
[Durban Mus., P.O. Box 4085, Durban 4000, South Africa] /Diomedia chrysostoma/.

78-004769 Cooper, J. FIRST DEFINITE RECORD OF THE KING PENGUIN FOR CONTINENTAL AFRICA. Ostrich 49 (1): 45. Mar. 1978 WR 170
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Capetown, Rondebosch 7700, South Africa] /Aptenodytes patagonica/.

78-004770 Cooper, J.; Ross, G. J. B.; Shaughnessy, P. D. SEASONAL AND SPATIAL DISTRIBUTION OF ROCKHOPPER PENGUINS ASHORE IN SOUTH AFRICA. Ostrich 49 (1): 40-44. Mar. 1978. WR 170
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Capetown, Rondebosch 7700, South Africa] /Eudyptes chrysocome chrysocome/ and /E. c. moseleyi/.

78-004771 Coulter, Malcolm Clarke GROWTH, MORTALITY AND THE THIRD-CHICK DISADVANTAGE IN THE WESTERN GULL, /LARUS OCCIDENTALIS/. Ph.D. dissertation, Univ. Pa. 203p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3533. Feb. 1978. WR 170

78-004772 Crockett, David E. FIRST RECORD OF THE CHRISTMAS ISLAND SHEARWATER IN NEW ZEALAND. Notornis 24 (4): 285-286. Dec. 1977. WR 170
[21 McMillan Ave., Kamo, Northland, New Zealand] /Puffinus nativitatis/.

78-004773 Crockett, David E. SEABIRDS FOUND DEAD IN NEW ZEALAND IN 1967. Notornis 24 (4): 239-245. Dec. 1977. WR 170
[21 McMillan Ave., Kamo, Northland, New Zealand]

78-004774 Davies, Martin IDENTIFICATION OF HYBRID OR LEUCISTIC GULL. Br. Birds 71 (2): 80-82. Feb. 1978. WR 170
[Dep. Biol., Univ. Stirling, Stirling FK9 4LA, England] /Larus/ spp. and hybrids.

78-004775 Davis, Thomas H.; Lauro, Anthony J. ANHINGA IN NASSAU COUNTY. Kingbird 28 (1): 3-4. 1978. WR 170
[9446 85 Rd., Woodhaven, N.Y. 11421] /Anhinga anhinga/ in New York.

78-004776 Devillers, Pierre ILLUSTRATION DU PLUMAGE JUVENILE DES STERNES ARCTIQUE (/STERNA PARADISAEA/) ET PIERREGARIN (/S. HIRUNDO/). [IDENTIFICATION OF JUVENAL PLUMAGE OF ARCTIC TERNS /STERNA PARADISAEA/ AND COMMON TERN /S. HIRUNDO/.] Gerfaut 68 (1): 91-96. 1978. In French with Dutch and English summ. WR 170
[Inst. Roy. Sci. Nat. Belgique, rue Vautier 31, B-1040 Brussels, Belgium]

78-004777 Devillers, Pierre; Terschuren, Jean A. RELATIONSHIPS BETWEEN THE BLUE-EYED SHAGS OF SOUTH AMERICA. Gerfaut 68 (1): 53-86. 1978. In English with Dutch and French summ. WR 170
[Inst. Roy. Sci. Nat. Belgique, rue Vautier 31, B-1040 Brussels, Belgium] /Phalacrocorax/ spp.

78-004778 Diamond, A. W. FEEDING STRATEGIES AND POPULATION SIZE IN TROPICAL SEABIRDS. Am. Nat. 112 (983): 215-223. Jan.-Feb. 1978. WR 170
[Zool. Dep., Univ. Nairobi, P.O. Box 30197, Nairobi, Kenya]

78-004779 Din, N. A.; Eltringham, S. K. WEIGHTS AND MEASURES OF UGANDAN PELICANS WITH SOME SEASONAL VARIATIONS. East Afr. Wildl. J. 15 (4): 317-326. Dec. 1977. WR 170
[Dep. Zool., Univ. British Columbia, 2075 Westbrook Place, Vancouver, British Columbia, Canada] /Pelecanus rufescens/ and /P. onocrotalus/.

78-004780 Dunnigan, Kenneth A. HEAD PATTERN OF SABINE'S GULL. Br. Birds 71 (3): 129. Mar. 1978. WR 170
[14 Alexandra Dr., Aigburth, Liverpool L17 8TD, England] /Larus sabini/ in England.

78-004781 Duncan, Robert A. LESSER BLACK-BACKED GULL: FIRST RECORD FOR ALABAMA. Ala. Birdlife 25 (3,4): 11-12. 1977. WR 170
[614 Fairpoint Dr., Gulf Breeze, Fla. 32561] /Larus fuscus/.

78-004782 Duncan, W. W. M.; Monaghan, Patricia INFIDELITY TO THE NATAL COLONY BY BREEDING HERRING GULLS. Ringing Migration 1 (3): 166-172. Dec. 1977. WR 170
[Dep. Zool., Univ. Durham, South Rd., Durham DH1 3LE, England] /Larus argentatus/ in Scotland.

78-004783 Edgar, A. T. AUSTRALIAN PELICAN (/PELECANUS CONSPICILLATUS/) IN KAIPARA HARBOUR. Notornis 25 (1): 89-90. Mar. 1978. WR 170
[Inlet Rd., Kerikeri, New Zealand]

78-004784 Erasmus, T. THE RELATIVE IMPORTANCE OF THE VARIOUS ELECTROLYTE EXCRETORY PATHWAYS IN OSMOTICALLY STRESSED PENGUINS. Comp. Biochem. Physiol. A Comp. Physiol. 59 (4): 379-384. 1978. WR 170
[Dep. Zool., Univ. Port Elizabeth, Port Elizabeth, South Africa] /Spheniscus demersus/.

78-004785 Farr, Peter THE SIGNIFICANCE OF DROPPING BEHAVIOR IN PACIFIC GULLS. Aust. Bird Watcher 7 (5): 145-147. Mar. 1978. WR 170
[7/184 Sycamore St., Caulfield South, Victoria 3162, Australia] /Larus pacificus/.

78-004786 Finch, Davis W.; Russell, William C.; Thompson, Edward V. PELAGIC BIRDS IN THE GULF OF MAINE. Am. Birds 32 (2): 140-155. Mar. 1978. WR 170
[South Rd., East Kingston, N.H. 03837]

78-004787 Flegg, J. J. M.; Morgan, R. A. MORTALITY IN BRITISH GULLS. Ringing Migration 1 (2): 65-74. Dec. 1976. WR 170
[British Trust Ornithol., Beech Grove, Tring, Hertfordshire HP23 5NR, England] /Larus marinus/, /L. fuscus/, /L. argentatus/, /L. canus/, /L. ridibundus/ and /Rissa tridactyla/.

78-004788 Fritze, Eddie RINGING OF HERRING GULLS /LARUS ARGENTATUS/ AND GREATER BLACK-BACKED GULLS /LARUS MARINUS/ ON COPENHAGEN DUMP. Ring 8 (86-87): 22-24. 1976. WR 170

78-004789 Fuchs, Eduard PREDATION AND ANTI-PREDATOR BEHAVIOR IN A MIXED COLONY OF TERNS /STERNA/ SP. AND BLACK-HEADED GULLS /LARUS RIDIBUNDUS/ WITH SPECIAL REFERENCE TO THE SANDWICH TERN /STERNA SANDVICENSIS/. Ornis Scand. 8 (1): 17-32. 1977. WR 170
[Schweizerische Vogelwarte, CH-6204 Sempach, Switzerland]

78-004790 Furness, R. W. ENERGY REQUIREMENTS OF SEABIRD COMMUNITIES: A BIOENERGETICS MODEL. J. Anim. Ecol. 47 (1): 39-53. Feb. 1978. WR 170
[Dep. Zool., Univ. Aberdeen, Aberdeen, Scotland] /Catharacta skua/ and /Sterna paradisaea/.

78-004791 Gloe, Peter VOM BRUTPLATZ ABWANDERNDE LACHSEESCHWALBEN-FAMILIEN (/GELOCHELIDON NILOTICA/) VOR EINSETZEN DES WEGZUGES. [ON BREEDING SITES OF DEPARTING GULL-BILLED TERN /GELOCHELIDON NILOTICA/) BEFORE COMMENCING MIGRATION.] Ornithol. Mitt. 29 (11-12): 231-237. Nov./Dec. 1977. In German. WR 170
[Muhlenstrasse 10, D 2223 Meldorf, West Germany]

78-004792 Grant, P. J. FIELD IDENTIFICATION OF WEST PALEARCTIC GULLS. Br. Birds 71 (4): 145-176. Apr. 1978. WR 170
[14 Heathfield Rd., Ashford, Kent TN24 8QD, England] Part one of a five-part series.

78-004793 Grossmann, Rudolf BEOBACHTUNGEN AN DER FALKENRAUBMOEWE (/STERCORARIUS LONGICAUDUS/) IN SCHWEDISCH-LAPPLAND. [OBSERVATIONS OF /STERCORARIUS LONGICAUDUS/ IN SWEDISH-LAPLAND.] Ornithol. Mitt. 30 (2): 34-39. Feb. 1978. In German. WR 170
[Rheinstr. 121, D 2940 Wilhelmshaven, West Germany]

78-004794 Hammer, Ulrich KORMORAN (/PHALACROCORAX CARBO SINENSIS/) ZIEHT LACHMOEWE (/LARUS RIDIBUNDUS/) UNTER WASSER. [CORMORANT /PHALACROCORAX CARBO SINENSIS/ PULLS BLACK-HEADED GULL /LARUS RIDIBUNDUS/ UNDER WATER.] Ornithol. Mitt. 30 (3): 74. Mar. 1978. In German. WR 170
[Maulbeerweg 7, D 6900 Heidelberg, West Germany]

78-004795 Harris, M. P. SUPPLEMENTARY FEEDING OF YOUNG PUFFINS, /FRATERCULA ARCTICA/. J. Anim. Ecol. 47 (1): 15-23. Feb. 1978. WR 170
[Inst. Terrestrial Ecol., Hill of Brathens, Banchory, Kincardineshire AB3 4BY, Scotland]

78-004796 Harrison, C. J. O.; Walker, C. A. THE INVALIDITY OF PLEISTOCENE RECORDS OF WANDERING ALBATROSS /DIOMEDEA EXULANS/. Ibis 120 (2): 229-230. Apr. 1978. WR 170
[British Mus. (Nat. Hist.), Tring, Hertfordshire, England]

78-004797 Holmes, Glenn THE RELATIONSHIP OF SPRING MORTALITY PATTERNS IN THE SHORT-TAILED AND SOOTY SHEARWATERS. Notornis 24 (4): 286-287. Dec. 1977. WR 170
[Dep. Zool., Univ. New England, 2 St. Cuthberts Ave., Armidale, New South Wales, Australia 2351] /Puffinus tenuirostris/ and /P. griseus/.

78-004798 Jakobs, Bernhard WOCHENLANGER AUFENTHALT VON RAUBMOEWEN (/STERCORARIUS/ SP.) IM SEPT./OKT. 1976 IN TRIER. [WEEK-LONG SOJOURN OF SKUAS (/STERCORARIUS/ SP.) DURING SEPTEMBER-OCTOBER 1976 IN TRIER.] Charadrius 13 (4): 129-134. Dec. 1977. In German. WR 170
[Helenenstrasse 27, 5500 Trier, West Germany]

78-004799 Jouanin, Christian; Roux, Francis; Zino, Alexander SUR LES PREMIERS RESULTATS DU BAGUAGE DES PUFFINS CENDRES AUX ILES SELVAGENS. [ON THE PRELIMINARY RESULTS OF BANDING CORY'S SHEARWATER AT SELVAGEM GRANDE.] Oiseau Rev. Fr. Ornithol. 47 (4): 351-358. 1977. In French with English summ. WR 170
[Mus. Natl. Hist. Nat., 55 rue de Buffon, 75005 Paris, France] /Calonectris diomedea borealis/.

78-004800 Kanwisher, John W.; Williams, Timothy C.; Teal, John M.; Lawson, Kenneth O., Jr. RADIOTELEMETRY OF HEART RATES FROM FREE-RANGING GULLS. Auk 95 (2): 288-293. Apr. 1978. WR 170
[Woods Hole Oceanogr. Inst., Woods Hole, Mass. 02543] /Larus argentatus/.

78-004801 Kepler, Cameron B. THE BREEDING ECOLOGY OF SEA BIRDS ON MONITO ISLAND, PUERTO RICO. Condor 80 (1): 72-87. 1978. WR 170
[Patuxent Wildl. Res. Cent., Maui Field Stn., 248 Kuweo Pt., Kula, Hawaii 96790]

78-004802 King, Bernard HERRING GULLS OBTAINING MUSSELS BY FLIGHT-PLUNGING AND SUBMERGING. Br. Birds 71 (3): 129-130. Mar. 1978. WR 170
[Gull Cry, 9 Park Rd., Newlyn, Penzance, Cornwall, England] /Larus argentatus/ in England.

78-004803 Kinnear, P. K. COMMON AND BLACK-HEADED GULLS FEEDING ON ROAD CORPSES. Br. Birds 71 (2): 80. Feb. 1978. WR 170
[2 Mounthooly St., Lerwick, Shetland ZE1 0BJ, Scotland] /Larus canus/ and /L. ridibundus/.

78-004804 Laybourne, S. IVORY GULL BATHING AND SETTLING ON WATER. Br. Birds 71 (1): 39. Jan. 1978. WR 170
[Old Schoolhouse, Harpsdale, Halkirk, Caithness KW12 6UN, Scotland] /Pagophila eburnea/.

78-004805 Lloyd, Clare S. THE ABILITY OF THE RAZORBILL /ALCA TORDA/ TO RAISE AN ADDITIONAL CHICK TO FLEDGING. Ornis Scand. 8 (2): 155-159. 1977. WR 170
[Woolstone Lodge, Faringdon, Oxford, England]

78-004806 Lustick, Sheldon; Batersby, Brian; Kelty, Michael BEHAVIORAL THERMOREGULATION: ORIENTATION TOWARD THE SUN IN HERRING GULLS. Science 200 (4337): 81-83. 7 Apr. 1978. WR 170
[Dep. Zool., Ohio State Univ., Columbus 43210] /Larus argentatus/ in Michigan.

78-004807 Macdonald, M. A. THE PRE-LAYING EXODUS OF THE FULMAR /FULMARUS GLACIALIS/ (L.). Ornis Scand. 8 (1): 33-37. 1977. WR 170
[Dep. Zool., Univ. Cape Coast, Ghana]

78-004808 Mainwood, A. R. THE MOVEMENTS OF STORM PETRELS AS SHOWN BY RINGING. Ringing Migration 1 (2): 98-104. Dec. 1976. WR 170
[13 Ben Bhraggie Dr., Golspie, Sutherland, Scotland] /Hydrobates pelagicus/--migration.

78-004809 Martin, Marilyn; Barry, Thomas W. NESTING BEHAVIOR AND FOOD HABITS OF PARASITIC JAEGERS AT ANDERSON RIVER DELTA, NORTHWEST TERRITORIES. Can. Field-Nat. 92 (1): 45-50. Jan.-Mar. 1978. WR 170
[Macdonald Coll., McGill Univ., Ste. Anne de Bellevue, Quebec H0A 1C0, Canada] /Stercorarius parasiticus/.

78-004810 McKean, John L. FAIRY TERN /STERNA NEREIS/ ON THE BARRIER REEF, QUEENSLAND. Aust. Bird Watcher 7 (5): 161. Mar. 1978. WR 170
[Div. Wild. Res., CSIRO, P.O. Box 811, Lyneham, A.C.T. 2601, Australia]

78-004811 Meininger, Peter L. MIDDELSTE JAGER /STERCORARIUS POMARINUS/ SLAAT KOKMEEUWEN /LARUS RIDIBUNDUS/. [POMARINE SKUA /STERCORARIUS POMARINUS/ TAKING BLACK-HEADED GULLS /LARUS RIDIBUNDUS/] Limosa 50 (3-4): 145. 1977. In Dutch with English summ. WR 170
[Grevelingenstraat 53, 4335 XC Middelburg, Netherlands]

78-004812 Meininger, Peter L. WAARNEMING VAN EEN DRIETEENMEEUW /RISSA TRIDACTYLA/ MET RODE POTEN. [OBSERVATION OF A KITTIWAKE /RISSA TRIDACTYLA/ WITH RED LEGS.] Limosa 50 (3-4): 146. 1977. In Dutch with English summ. WR 170
[Grevelingenstraat 53, 4335 XC Middelburg, Netherlands]

78-004813 Mikuska, Jozsef; Lakatos, Jovan PODACI O RASPROSTRANJENJU I EKOLOGIJI VRANCA VELIKOG, /PHALACROCORAX CARBO/ (L. 1758), U JUGOSLAVIJI. [DATA ON THE DISTRIBUTION AND ECOLOGY OF THE CORMORANT, /PHALACROCORAX CARBO/ (L. 1758), IN YUGOSLAVIA.] Larus 29-30: 141-151. 1977. In Serbo-Croatian with English summ. WR 170
[Gundluiceve 19/A, 54000 Osijek, Yugoslavia]

78-004814 Montevecchi, W. A.; Blundon, E.; Coombes, G.; Porter, J.; Rice, P. NORTHERN FULMAR BREEDING RANGE EXTENDED TO BACCALIEU ISLAND, NEWFOUNDLAND. Can. Field-Nat. 92 (1): 80-82. Jan.-Mar. 1978. WR 170
[Dep. Psychol., Memorial Univ. Newfoundland, St. John's, Newfoundland A1C 5S7, Canada] /Fulmarus glacialis/.

78-004815 Morejohn, G. Victor FIRST NORTH AMERICAN RECORD OF THE STREAKED SHEARWATER (/PUFFINUS LEUCOMELAS/). Auk 95 (2): 420. Apr. 1978. WR 170
[Moss Landing Marine Lab., P.O. Box 223, Moss Landing, Calif. 92039]

78-004816 Napier, J. R. FURTHER NOTES ON FAIRY AND LITTLE TERNS BREEDING ON TASMANIA'S EAST COAST. Aust. Bird Watcher 7 (5): 155-156. Mar. 1978. WR 170
[St. Mary's, Tasmania 7215, Sustralia] /Sterna nereis/ and /S. albifrons/.

78-004817 Nisbet, I. C. T. DEPENDENCE OF FLEDGING SUCCESS ON EGG-SIZE, PARENTAL PERFORMANCE AND EGG-COMPOSITION AMONG COMMON AND ROSEATE TERNS, /STERNA HIRUNDO/ AND /S. DOUGALLII/. Ibis 120 (2): 207-215. Apr. 1978. WR 170
[Mass. Audubon Soc., Lincoln 01773]

78-004818 Nisbet, I. C. T. POPULATION MODELS FOR COMMON TERNS IN MASSACHUSETTS. Bird-Banding 49 (1): 50-58. 1978. WR 170
[Mass. Audubon Soc., Lincoln 01773] /Sterna hirundo/.

78-004819 Nisbet, Ian C. T.; Wilson, Karen J.; Broad, William A. COMMON TERNS RAISE YOUNG AFTER DEATH OF THEIR MATES. Condor 80 (1): 106-109. 1978. WR 170
[Mass. Audubon Soc., Lincoln, 01773] /Sterna hirundo/ in Massachusetts.

78-004820 Oelke, Hans NATUERLICHE ODER ANTHROPOGENE POPULATIONSVERAENDERUNGEN VON ADELIEPINGUINEN (/PYGOSCELIS ADELIAE/) IM ROSS-MEER-SEKTOR DER ANTARKTIS. [NATURAL OR HUMAN INFLUENCES ON POPULATION CHANGES OF ADELIE PENGUINS (/PYGOSCELIS ADELIAE/) IN THE ROSS SEA SECTOR OF ANTARCTICA.] J. Ornithol. 119 (1): 1-13. Jan. 1978. In German with English summ. WR 170
[Zool. Inst., D-3400 Gottingen, West Germany]

78-004821 Olver, M. D.; Kuyper, M. A. BREEDING BIOLOGY OF THE WHITEBREASTED CORMORANT IN NATAL. Ostrich 49 (1): 25-30. Mar. 1978. WR 170
[Cedara Agric. Coll., Private Bag X9059, Pietermaritzburg 3200, South Africa] /Phalacrocorax carbo/.

78-004822 Penicaud, Philippe L'ACTIVITE DE DEUX COLONIES DE MACAREUX /FRATERCULA ARCTICA/ AUX SEPT-ILES. [THE ACTIVITY OF TWO PUFFIN COLONIES /FRATERCULA ARCTICA/ ON SEPT-ILES.] Alauda 46 (1): 43-52. Feb. 1978. In French with German and English summ. WR 170
[Reserve Sept-Iles, Gwarem-Baler, 22160 Bulat-Pestivien, France]

78-004823 Riddiford, Nick; Fletcher, Mark LITTLE GULL FEEDING ON HUMAN FOOD SCRAPS. Br. Birds 71 (2): 79-80. Feb. 1978. WR 170
[Dungeness Bird Observatory, Romney Marsh, Kent, England] /Larus minutus/ in England.

78-004824 Roberts, P. E. AN UNUSUAL PETREL NEAR THE CHATHAM ISLANDS, NEW ZEALAND. Notornis 24 (4): 280-283. Dec. 1977. WR 170
[Fisheries Res. Div., Minist. Agric. & Fisheries, P.O. Box 19062, Wellington, New Zealand] /Pterodroma neglecta/ or /P. arminjoniana heraldica/.

78-004825 Roche, Susan M. COMPARATIVE REPRODUCTIVE SUCCESS IN THE LEAST TERN. Bull. S.C. Acad. Sci. 40: 97. 1978. Abstract only. WR 170
/Sterna albifrons/ in South Carolina.

78-004826 Rozendaal, F. G. A RECORD OF THE LITTLE SHEARWATER /PUFFINUS ASSIMILIS/ OFF THE COAST OF SOUTH AFRICA. Ardea 65 (3-4): 204. Mar. 1978. WR 170

78-004827 Ryder, John P.; Carroll, Timothy R. REPRODUCTIVE SUCCESS OF HERRING GULLS ON GRANITE ISLAND, NORTHERN LAKE SUPERIOR, 1975 AND 1976. Can. Field-Nat. 92 (1): 51-54. Jan.-Mar. 1978. WR 170
[Dep. Biol., Lakehead Univ., Thunder Bay, Ontario P7B 5E1, Canada] /Larus argentatus/.

78-004828 Sagar, P. M. BREEDING OF ANTARCTIC TERNS AT THE SNARES ISLANDS, NEW ZEALAND. Notornis 25 (1): 59-70. Mar. 1978. WR 170
[Dep. Zool., Univ. Canterbury, Christchurch, New Zealand] /Sterna vittata/.

78-004829 Schmidtke, Klaus DIE BRUTKOLONIEN DER LACHMOEWE /LARUS RIDIBUNDUS/ IM RUSSWEIHERGEBIET BEI ESCHENBACH/OBERPFALZ. [THE BREEDING COLONIES OF THE BLACK-HEADED GULL /LARUS RIDIBUNDUS/ IN THE POND AREA NEAR ESCHENBACH, NORTHERN BAVARIA.] Anz. Ornithol. Ges. Bayern 14 (3): 237-260. Dec. 1975. In German with English summ. WR 170
[Obere Bahnhofstr. 4, 8564 Velden, West Germany]

78-004830 Schwan, Tom G.; Sileo, Lou /NEOTTIALGES (PELECANECTES) EVANSI/ (SARCOPTIFORMES: HYPODERIDAE) PARASITIZING A WHITE-NECKED CORMORANT IN KENYA. J. Med. Entomol. 14 (5): 522. 10 Feb. 1978. WR 170
[Div. Entomol. & Parasitol., Univ. Calif., Berkeley 94720] /Phalacrocorax carbo/.

78-004831 Sears, Harold F. NESTING BEHAVIOR OF THE GULL-BILLED TERN. Bird-Banding 49 (1): 1-16. 1978. WR 170
[Univ. S.C., Union 29379] /Gelochelidon nilotica/ in North Carolina.

78-004832 Sinclair, J. C. THE SEABIRDS OF A TRAWLING VOYAGE. Bokmakierie 30 (1): 12-16. Mar. 1978. WR 170
[Percy FitzPatrick Inst., Rondebosch 7700, South Africa] Annotated list.

78-004833 Sinclair, J. C. SIGHT RECORDS OF THE WEDGETAILED SHEARWATER OFF SOUTHERN AFRICA. Ostrich 49 (1): 46. Mar. 1978. WR 170
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Capetown, Rondebosch 7700, South Africa] /Puffinus pacificus/.

78-004834 Smit, F. G. A. M. A NEW BIRD-FLEA FROM PERU. Zool. J. Linn. Soc. 62 (2): 189-192. Feb. 1978. WR 170
[Brit. Mus. (Nat. Hist.), Cromwell Rd., London SW7 5BD, England] /Phalacrocorax olivaceus olivaceus/.

78-004835 Spaans, Arie L. STATUS OF TERNS ALONG THE SURINAM COAST. Bird-Banding 49 (1): 66-76. 1978. WR 170
[Res. Inst. Nature Manage., Kemperbergerweg 67, Arnhem, Netherlands] Data for 10 spp.

78-004836 Spurr, E. B. DIURNAL ACTIVITY OF ADELIE PENGUINS /PYGOSCELIS ADELIAE/ AT CAPE BIRD. Ibis 120 (2): 147-152. Apr. 1978. WR 170
[Forest Res. Inst., New Zealand Forest Serv., P.O. Box 31-011, Christchurch, New Zealand]

78-004837 Stamm, Anne L. GREAT BLACK-BACKED GULL IN KENTUCKY. Ky. Warbler 53 (1): 18. Feb. 1977. WR 170
[9101 Spokane Way, Louisville, Ky. 40222] /Larus marinus/.

78-004838 Stromar, Ljubica THE ECOLOGICAL ASPECT AND CONSEQUENCES OF BANDING THE BLACK-HEADED GULL--IN YUGOSLAVIA. Ring 8 (86-87): 19-22. 1976. WR 170
/Larus marinus/.

78-004839 Stromar, Ljubica REZULTATI OOLOSKIH ISTRAZIVANJA I IZVORI PREHRANE GALEBOVA KLAUDAVACA (/LARUS ARGENTATUS MICHAHELLIS/) ZA VRIJEME GNIFEZDENJA NA ISTOCNOJADRANSKIM OTOCIMA. [THE RESULTS OF THE OOLOGICAL STUDIES AND THE SOURCES OF FOOD OF THE HERRING GULL (/LARUS ARGENTATUS MICHAHELLIS/) ON THE EAST ADRIATIC ISLANDS AT NESTING TIME.] Larus 29-30: 323-338. 1977. In Serbo-Croatian with English summ. WR 170
[Inst. Ornithol. Yugoslav Acad. Sci. & Arts, Ilirski trg 9/II, 4100 Zagreb, Yugoslavia]

78-004840 Tadic, Zdravko REZULTATI OOLOSKIH ISTRAZIVANJA VRSTE /LARUS RIDIBUNDUS/ L. U ISTOCNOJ PODRAVINI OD 1969. DO 1974. GODINE. [CONTRIBUTION TO THE OOLOGICAL KNOWLEDGE OF /LARUS RIDIBUNDUS/ IN EASTERN PODRAVINI (CROATIA).] Larus 29-30: 339-352. 1977. In Serbo-Croatian with German summ. WR 170
[Sumarija, 54540 Donji Miholjac, Yugoslavia]

78-004841 Tschanz, Beat UNTERSUCHUNGEN ZUR ENTWICKLUNG DES TROTTELLUMMENBESTANDES AUF VEDOEY (ROST, LOFOTEN). [STUDIES ON THE DEVELOPMENT OF THE POPULATION OF THE GUILLEMOT ON VEDOY (ROST, LOFOTEN).] J. Ornithol. 119 (2): 133-145. Apr. 1978. In German with English summ. WR 170
[Zool. Inst., Univ. Bern, Wohlenstrasse 30A, CH-3032 Hinterkappelen, Switzerland] /Uria aalge/.

78-004842 Vermeer, Kees COMPARISON OF WHITE PELICAN RECOVERIES FROM COLONIES EAST AND WEST OF THE CANADIAN ROCKY MOUNTAINS. Murrelet 58 (3): 79-82. 1977. WR 170
[Canadian Wildl. Serv., 5421 Robertson Rd., Delta, British Columbia, Canada V4K 3N2] /Pelecanus erythrorhynchos/.

78-004843 Warham, John THE INCIDENCE, FUNCTIONS AND ECOLOGICAL SIGNIFICANCE OF PETREL STOMACH OILS. Proc. N.Z. Ecol. Soc. 24: 84-93. 1977. WR 170
[Dep. Zool., Univ. Canterbury, Christchurch, New Zealand]
Procellariiformes.

78-004844 Westerskov, K. E. SOUTHERNMOST OCCURRENCE OF WHITE-CAPPED NODDY (/ANOUS MINUTUS/). Notornis 24 (4): 232-238. Dec. 1977. WR 170
[Dep. Zool., Univ. Otago, Dunedin, New Zealand]

78-004845 Williams, Bill A NEW SPECIMEN RECORD FOR VIRGINIA. Raven 47 (3): 54-55. Sept. 1976. WR 170
[157 West Queens Dr., Williamsburg, Va. 23185] /Stercorarius longicaudus/.

78-004846 Young, E. C. THE ECOLOGY OF BROWN SKUA IN THE CHATHAM ISLANDS WITH DISCUSSION OF THE EFFECT OF ENVIRONMENT ON BEHAVIOUR. Proc. N.Z. Ecol. Soc. 23: 119-120. 1976. Abstract only. WR 170
[Dep. Zool., Univ. Auckland, Auckland, New Zealand] /Catharacta lonnbergi/.

RAPTORS

78-004847 Adams, Raymond J., Jr. A FERRUGINOUS HAWK IN MICHIGAN. Jack-Pine Warbler 56 (1): 51-52. Mar. 1978. WR 170
[Kalamazoo Nature Cent., Kalamazoo, Mich. 49007] /Buteo regalis/--first state record.

78-004848 Bandy, LeRoy W.; Bandy, Barbara MARSH HAWKS FOLLOW HUNTING RED FOX. Wilson Bull. 90 (1): 133-134. Mar. 1978. WR 170
[Rt. 1, Box 75, Stetson, Maine 04488] /Circus cyaneus/ and /Vulpes fulva/.

78-004849 Bartelt, Paul E.; Orde, Curtiss J. A RAPTOR SURVEY AND TRAPPING TECHNIQUES IN CLAY COUNTY, SOUTH DAKOTA. S.D. Bird Notes 28 (2): 24-30,36. June 1976. WR 170

78-004850 Baudvin, Hugues LE CANNIBALISME CHEZ L'EFFRAIE /TYTO ALBA/. [CANNIBALISM IN THE BARN OWL /TYTO ALBA/.] Nos Oiseaux 34 (5): 223-231. Mar. 1978. In French. WR 170
[127 rue Jacquat, St.-Appollinaire, F 21000 Dijon, France]

78-004851 Bayldon, J. M. DAYLIGHT HUNTING BY LONG-EARED OWLS. Br. Birds 71 (2): 88. Feb. 1978. WR 170
[9 Birchen Close, Bessacarr, Doncaster, South Yorkshire, England] /Asio otus/ in Germany.

78-004852 Beer, T.; Morgan, R. A. CLOSE NESTING BY TWO PAIRS OF SPARROWHAWKS. Br. Birds 71 (2): 77-78. Feb. 1978. WR 170
[Tawside, 30 Park Ave., Barnstaple, Devon EX31 2ES, England] /Accipiter nisus/ in England.

78-004853 Bird, David M. HOSPITAL AID FOR PEREGRINE FALCONS /FALCO PEREGRINUS/. Hawk Trust Annu. Rep. 8: 34-36. 1977. WR 170
[McGill Univ., Montreal, Quebec, Canada]

78-004854 Blum, Vinzenz; Muller, Kurt; Schonenberger, Alwin ROTFUSSFALKENBRUT IM VORARLBERGER RHEINTAL. [RED-FOOTED FALCON IN VORARLBERGER RHEINTAL (SWITZERLAND).] Ornithol. Beob. 74 (4-6): 198-200. Dec. 1977. In German. WR 170
/Falco vespertinus/.

78-004855 Bohm, Robert T. OBSERVATION OF NEST DECORATION AND FOOD HABITS OF RED-TAILED HAWKS. Loon 50 (1): 6-8. 1978. WR 170
[520 7th Ave. North, Sauk Rapids, Minn. 56379] /Buteo jamaicensis/ in Minnesota.

78-004856 Bolen, Eric G. LONG-DISTANCE DISPLACEMENT OF TWO SOUTHERN BARN OWLS. Bird-Banding 49 (1): 78-79. 1978. WR 170
[Rob & Bessie Welder Wildl. Foundation, Sinton, Tex. 78387] /Tyto alba/.

78-004857 Boudoint, Yves INCUBATION DU GYPAETE BARBU /GYPAETUS BARBATUS/ DANS LES PYRENEES. [INCUBATION OF THE LAMMERGEYER /GYPAETUS BARBATUS/ IN THE PYRENEES.] Alauda 46 (1): 95-97. Feb. 1978. In French. WR 170

78-004858 Boyce, Douglas A.; Garrett, R. L. STATUS OF THE CALIFORNIA DESERT PRAIRIE FALCON POPULATION. Cal-Neva Wildl. Trans. 1977: 108-111. 1977. Copies available from The Wildlife Society, 4606 San Marino Drive, Davis, Calif. 95616. WR 170
[Humboldt State Univ., Arcata, Calif.] /Falco mexicanus/.

78-004859 Brosset, Andre SYNCHRONISATEURS DU RYTHME DES MUES CHEZ UN EPERVIER TROPICAL, /ACCIPITER MELANOLEUCUS/. [SYNCHRONIZATION OF MOLTING CYCLE IN THE GREAT SPARROW HAWK /ACCIPITER MELANOLEUCUS/.] Oiseau Rev. Fr. Ornithol. 47 (4): 345-350. 1977. In French with English summ. WR 170
[Mus. Natl. Hist. Nat., 4 avenue du Petit-Chateau, 91800 Brunoy, France]

78-004860 Brunner, Klaus; Reger, Peter BRUTBIOLOGIE UND BESTANDSENTWICKLUNG DES SPERBERS /ACCIPITER NISUS/ IN FRANKEN. [POPULATION DENSITY, DYNAMICS AND BREEDING BIOLOGY OF THE SPARROW HAWK /ACCIPITER NISUS/ IN FRANCONIA.] Anz. Ornithol. Ges. Bayern 15 (1): 48-64. Apr. 1976. In German with English summ. WR 170
[Georg-Stefan-Strasse 5A, 85 Nurnberg, West Germany]

78-004861 Bull, Evelyn L.; Anderson, Ralph G. NOTES ON FLAMMULATED OWLS IN NORTHEASTERN OREGON. Murrelet 59 (1): 26-28. 1978. WR 170
[Forest Serv., Range & Wildl. Habitat Lab., La Grande, Oreg. 97850] /Otus flammeolus/.

78-004862 Burton, P. J. K. THE INTERTARSAL JOINT OF THE HARRIER-HAWKS /POLYBOROIDES/ SPP. AND THE CRANE HAWK /GERANOSPIZA CAERULESCENS/. Ibis 120 (2): 171-177. Apr. 1978. WR 170
[British Mus. (Nat. Hist.), Tring, Hertfordshire, England]

78-004863 Buscher, Henry N. /ECHINOPARYPHIUM SPEOTYTO/ SP. N. (TREMATODA: ECHINOSTOMATIDAE) FROM THE BURROWING OWL IN OKLAHOMA, WITH A DISCUSSION OF THE GENUS /ECHINOPARYPHIUM/. J. Parasitol. 64 (1): 52-58. Feb. 1978. WR 170
[Dep. Biol., Austin Coll., Sherman, Tex. 75090] /Speotyto cunicularia/.

78-004864 Campbell, K. L. OBSERVATIONS ON THE FISHING OWL, /SCOTOPELIA PELI/ ON THE TANA RIVER, KENYA. East Afr. Nat. Hist. Soc. Bull. p. 36-37. Mar./Apr. 1977. WR 170
[P.O. Box 14469, Nairobi, Kenya]

78-004865 Collins, Charles T.; Landry, Ross E. ARTIFICIAL NEST BURROWS FOR BURROWING OWLS. N. Am. Bird Bander 2 (4): 151-154. Oct.-Dec. 1977. WR 170
/Athene (= Speotyto) cunniculus/.

78-004866 Cooper, J. E. HEALTH AND DISEASES OF HAWKS. Hawk Trust Annu. Rep. 8: 37-40. 1977. WR 170
[Huntingdon, Cambridge, England]

78-004867 Delnicki, Don SECOND OCCURRENCE AND FIRST SUCCESSFUL NESTING RECORD OF THE HOOK-BILLED KITE IN THE UNITED STATES. Auk 95 (2): 427. Apr. 1978. WR 170
[Santa Ana Natl. Wildl. Refuge, Rt. 1, Box 202A, Alamo, Tex. 78516] /Chondrohierax uncinatus/.

78-004868 Demeter, Andrew FOOD OF A BARN OWL /TYTO ALBA/ IN NIGERIA. Nigerian Ornithol. Soc. Bull. 14 (45): 9-13. May 1978.
[Csorsz u. 23, III/21, H-1123 Budapest, Hungary]

78-004869 Dexter, Ralph W. MAMMALS UTILIZED AS FOOD BY OWLS IN REFERENCE TO THE LOCAL FAUNA OF NORTHEASTERN OHIO. Kirtlandia no. 24. p. 1-6. 1978. WR 170
[Kent State Univ., Kent, Ohio 44242] Food habits of 6 species of owls living in northeastern Ohio were studied between 1949 and 1969 by pellet and stomach analyses.--From abstr.

78-004870 Dunne, Peter J. SPRING HAWK MOVEMENT ALONG RACOON RIDGE, N.J.-1976. N.J. Audubon 3 (2): 19-29. Feb. 1977. WR 170

78-004871 Elwell, Laddie; Mathisen, John; Mathisen, Ann BLACK HAWK FOUND IN BEMIDJI. Loon 50 (1): 31-34. 1978. WR 170
[Biol. Dep., Bemidji State Univ., Bemidji, Minn. 56601]
/Buteogallus anthracinus/.

78-004872 Erzepky, Rainer ZUR ART DES NAHRUNGSERWERBS BEIM HABICHT (/ACCIPITER GENTILIS/). [ON THE MANNER OF FOOD GATHERING BY THE GOSHAWK /ACCIPITER GENTILIS/.] Ornithol. Mitt. 29 (11-12): 229-231. Nov./Dec. 1977. In German. WR 170
[Odenwaldring 9, D 6453 Seligenstadt, West Germany]

78-004873 Fain, A.; Philips, J. R. ASTIGMATIC MITES FROM NESTS OF BIRDS OF PREY IN U.S.A. II. TWO NEW SPECIES OF THE GENERA /PUSACARUS/ MICHAEL AND /BLOMIA/ OUDEMANS (GLYCYPHAGIDAE). Acta Zool. Pathol. Antverpiensia no. 69. p. 155-162. Dec. 1977. In English. WR 170

78-004874 Piuczynski, Dietrich ZU: "METHODEN DER BESTANDSERFASSUNG VON VOEGELN." [METHODS FOR STUDYING RAPTOR POPULATIONS.] Ornithol. Mitt. 30 (2): 44-45. Feb. 1978. In German with English summ. WR 170
[Klingsorstr. 27, D 1000 Berlin 41, West Germany]

78-004875 Fritz, Rolf; Sander, Johannes; Sander, Alois; Norgall, Axel; Norgall, Thomas ZUR KOPULATION DER WALDOHREULE (/ASIO OTUS/). [ON THE MATING OF THE LONG-EARED OWL /ASIO OTUS/.] Charadrius 13 (4) : 105-110. Dec. 1977. In German. WR 170
[Krummecke 2, 4300 Essen 14, West Germany]

78-004876 Frounfelker, Carl R. EXPERIMENTAL RECOVERY OF SMALL MAMMAL EAR TAGS IN HORNED OWL PELLETS. J. Wildl. Manage. 42 (2): 458-461. Apr. 1978. WR 170
[Coll. Forestry, Wildl. & Range Sci., Univ. Idaho, Moscow 83843]
/Bubo virginianus/.

78-004877 Furrer, Robert K.; Kunz, Rolf SCHWARZMILAN (/MILVUS MIGRANS/) MIT ABGERUNDETEM SCHWANZ. [A BLACK KITE (/MILVUS MIGRANS/) WITH A ROUNDED TAIL.] Ornithol. Mitt. 30 (1): 16-17. Jan. 1978. In German with English summ. WR 170
[Schweiz. Vogelwarte, CH 6204 Sempach, Switzerland]

78-004878 Gowthorpe, Ph. ESSAI DE REPRODUCTION EN CAPTIVITE DU FAUCON CRECERELLE PAR INSEMINATION ARTIFICIELLE. [EXPERIMENT ON THE ARTIFICIAL INSEMINATION OF THE KESTREL.] Oiseau Rev. Fr. Ornithol. 47 (4): 411-417. 1977. In French with English summ. WR 170
[2 rue de la Liberte, 78200 Mantes-la-Jolie, France] /Falco tinnunculus/.

78-004879 Griffin, Curtice R.; Redig, Patrick T. SUCCESSFUL REHABILITATION AND REINTRODUCTION OF BALD EAGLES. Wildl. Soc. Bull. 6 (1): 44-45. 1978. WR 170
[Mo. Coop. Wildl. Res. Unit, Univ. Mo., Columbia 65201] /Haliaeetus leucocephalus/.

78-004880 Guth, Klaus ROHRWEIHEN (/CIRCUS AERUGINOSES/) ATTACKIEREN FISCHADLER (/PANDION HALIAETUS/) UEBER DEN RIETBERGER FISCHTEICHEN. [MARSH HARRIER /CIRCUS AERUGINOSUS/ ATTACKING AN OSPREY /PANDION HALIAETUS/ OVER THE RIETBERG FISH POND.] Ornithol. Mitt. 30 (3): 73. Mar. 1978. In German. WR 170
[Carl-Bertelsmann-Strasse 17, D 4830 Gutersich, West Germany]

78-004881 Henny, Charles J.; Anderson, Daniel W.; Knoder, C. Eugene BALD EAGLES NESTING IN BAJA CALIFORNIA. Auk 95 (2): 424. Apr. 1978. WR 170
[U.S. Fish & Wildl. Serv., 480 S.W. Airport Rd., Corvallis, Oreg. 97330] /Haliaeetus leucocephalus/.

78-004882 Henny, Charles J.; Collins, James A.; Deibert, William J. OSPREY DISTRIBUTION, ABUNDANCE, AND STATUS IN WESTERN NORTH AMERICA: II. THE OREGON POPULATION. Murrelet 59 (1): 14-25. 1978. WR 170
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., 480 S.W. Airport Rd., Corvallis, Oreg. 97330] /Pandion haliaetus/.

78-004883 Hodson, Keith PREY UTILIZED BY MERLINS NESTING IN SHORTGRASS PRAIRIES OF SOUTHERN ALBERTA. Can. Field-Nat 92 (1): 76-77. Jan.-Mar. 1978. WR 170
[British Columbia Fish & Wildl. Branch, Box 3250, Smithers, British Columbia V9J 2N0, Canada] /Falco columbarius richardsonii/.

78-004884 Houston, C. Stuart RECOVERIES OF SASKATCHEWAN-BANDED GREAT HORNED OWLS. Can. Field-Nat. 92 (1): 61-66. Jan.-Mar. 1978. WR 170
[863 Univ. Dr., Saskatoon, Saskatchewan S7N 0J8, Canada] /Bubo virginianus/.

78-004885 Hume, John D.; Lancaster, Susan; Boring, J. G.; Milton, J. L. FEATHER RECONSTRUCTION IN A BALD EAGLE. A CASE REPORT. Auburn Vet. 34 (2): 65-67. 1978. WR 170
[School. Veterinary Med. Auburn Univ., Auburn, Ala.] /Haliaeetus leucocephalus/.

78-004886 Hussain, S. A.; Reza Khan, M. A. A NEW SUBSPECIES OF BAY OWL [/PHODILUS BADIUS/ (HORSEFIELD)] FROM PENINSULAR INDIA. J. Bombay Nat. Hist. Soc. 74 (2): 334-336. Aug. 1977. WR 170
[Univ. Dacca, Dacca, Bangla Desh] /Phodilus badius ripleyi/.

78-004887 Jacikoff, Thomas Michael A POLYGAMOUS BREEDING EXPERIMENT ON CAPTIVE AMERICAN KESTRELS. M.A. thesis, State Univ. N.Y. (Geneseo) 140p. 1977. From Masters Abstracts 16(1), Mar. 1978. WR 170
/Falco sparverius/.

78-004888 Jackson, Jerome A.; Prather, Irvine D.; Conner, Richard N; Gaby, Sheila Parness FISHING BEHAVIOR OF BLACK AND TURKEY VULTURES. Wilson Bull. 90 (1): 141-143. Mar. 1978. WR 170
[Dep. Zool., Miss. State Univ., Mississippi State 39762] /Coragyps atratus/ and /Cathartes aura/.

78-004889 Johns, Sandra; Ebel, G. Rainer A.; Johns, Anthony OBSERVATIONS ON THE NESTING BEHAVIOUR OF THE SAW-WHET OWL IN ALBERTA. Blue Jay 36 (1): 36-38. Mar. 1978. WR 170
[146-1128 McKercher Dr., Saskatoon, Saskatchewan S7H 4Y7, Canada] /Aegolius acadicus/.

78-004890 Jud, Erich; Kulzer, Erwin ONTOGENESE DER TEMPERATURREGULATION BEIM MAEUSEBUSSARD /BUTEO B. BUTEO/ (LINNE. 1758). [ONTOGENY OF THERMOREGULATION IN THE BUZZARD /BUTEO B. BUTEO/.] Anz. Ornithol. Ges. Bayern 14 (3): 261-272. Dec. 1975. In German with English summ. WR 170
[Inst. Biol. III, Auf der Morgenstelle 28, 74 Tubingen 1, West Germany]

78-004891 Kabaya, Tsuruhiko; Higuchi, Hiroyoshi SONGS AND CALLS OF THE SCOPS OWL /OTUS SCOPS/ IN THE RYUKYU ISLANDS. Tori 26 (2/3): 93-94. Nov. 1977. In English. WR 170
[Nishishinjuku 7-7-12, Shinjuku-ku, Tokyo 160, Japan]

78-004892 Kadosaki, Masaaki LUNG AND AIR-SAC SYSTEM OF THE STRIGIDAE (I). Tori 26 (2/3): 87-93. Nov. 1977. In English with Japanese summ. WR 170
[Hist. Mus. Hokkaido, Sapporo, Hokkaido 061-01, Japan] /Asio otus/, /Otus scops/, /O. bakkamoena/ and /Strix uralensis/.

78-004893 Kaus, Dieter ZUR POPULATIONSDYNAMIK, OEKOLOGIE UND BRUTBIOLIGIE DER SCHLEIEREULE /TYTO ALBA/ IN FRANKEN. [ON THE POPULATION DYNAMICS, ECOLOGY AND BREEDING BIOLOGY OF THE BARN OWL /TYTO ALBA/ IN FRANCONIA [NORTHERN BAVARIA].] Anz. Ornithol. Ges. Bayern 16 (1): 18-44. May 1977. In German with English summ. WR 170
[Balthasar-Neumann-Str. 98, 85 Nurnberg, West Germany]

78-004894 Kirkwood, James K. HOW BIRDS OF PREY COPE WITH COLD WEATHER. Hawk Trust Annu. Rep. 8: 14-15. 1977. WR 170
[Hungerford, Berkshire, England] Falconiformes and Strigiformes.

78-004895 Kleiman, Joseph P.; Greenhouse, Jeffrey A. RED-TAILED HAWKS FEEDING ON FISH. Jack-Pine Warbler 56 (1): 49. Mar. 1978. WR 170
[18915 Bedford, Birmingham, Mich. 48009] /Buteo jamaicensis/ in Michigan.

78-004896 Knudsen, Eric I.; Konishi, Masakazu A NEURAL MAP OF AUDITORY SPACE IN THE OWL. Science 200 (4343): 795-797. 19 May 1978. WR 170
[Bechman Labs., Calif. Inst. Technol., Pasadena 91125] /Tyto alba/.

78-004897 Kollias, George V., Jr.; McLeish, I. EFFECTS OF KETAMINE HYDROCHLORIDE IN RED-TAILED HAWKS (/BUTEO JAMAICENSIS/). I--ARTERIAL BLOOD GAS AND ACID BASE. Comp. Biochem. Physiol. C Comp. Pharmacol. 60 (1): 57-59. 1978. WR 170
[School Veterinary Med., Univ. Calif., Davis 95616]

78-004898 Koning, F. J. NOTES ON THE BIRDS OF PREY IN THE INDUS VALLEY. J. Bombay Nat. Hist. Soc. 73 (3): 448-455. Dec. 1976. WR 170
[Belkmerweg 35, Burgervlotbrug, N.H., Netherlands] Annotated list of 34 spp.

78-004899 Krauss, Andreas ERGEBNISSE ERNAEHRUNGSBIOLOGISCHER FORSCHUNG AM WALDKAUZ (/STRIX ALUCO/ L.). [RESULTS OF A FEEDING-BIOLOGICAL INVESTIGATION OF THE TAWNY OWL /STRIX ALUCO/.] Beitr. Vogelkd. 23 (6): 313-329. 1977. In German. WR 170
[Am Muhlberg 1, DDR-9132 Einseidel, East Germany]

78-004900 Kussman, Joel Vernon POST-FLEDGING BEHAVIOR OF THE NORTHERN BALD EAGLE, /HALIAEETUS LEUCOCEPHALUS ALASCANUS/ TOWNSEND, IN THE CHIPPEWA NATIONAL FOREST, MINNESOTA. Ph.D. dissertation, Univ. Minn. 455p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(3):1033. Sept. 1977. WR 170

78-004901 Langvatn, Rolf CHARACTERISITCS AND RELATIVE OCCURRENCE OF REMNANTS OF PREY FOUND AT NESTING PLACES OF GYRFALCON /FALCO RUSTICOLUS/. Ornis Scand. 8 (2): 113-125. 1977. WR 170
[Norwegian State Game Res. Inst., Elgesetergt. 10, N-7000 Trondheim, Norway]

78-004902 Loske, Karl-Heinz HILFE FUER DEN STEINKAUZ. [HELP FOR THE LITTLE OWL [/ATHENE NOCTUA/].] Ornithol. Mitt. 30 (1): 19-21. Jan. 1978. In German. WR 170
[Oberdorfstr. 1a, D 4787 Geseke-Langeneicke, West Germany]

78-004903 Love, John A. THE REINTRODUCTION OF SEA EAGLES TO THE ISLE OF RHUM. Hawk Trust Annu. Rep. 8: 16-18. 1977. WR 170
[Rhum, Scotland] /Haliaeetus albicilla/ in Scotland.

78-004904 Mader, William J. A COMPARATIVE NESTING STUDY OF RED-TAILED HAWKS AND HARRIS' HAWKS IN SOUTHERN ARIZONA. Auk 95 (2): 327-337. Apr. 1978. WR 170
[Dep. Zool., Brigham Young Univ., Provo 84602] /Buteo jamaicensis/ and /Parabuteo unicinctus/.

78-004905 McCowan, Mamie MERLINS WINTERING AND BREEDING AT BRANDON, MANITOBA. Blue Jay 36 (1): 39. Mar. 1978. WR 170
[1415 8th St., Brandon, Manitoba R7A 3Z6, Canada] /Falco columbarius/.

78-004906 McKelvey, S. David THE MAURITIAN KESTREL. SOME NOTES ON ITS BREEDING BIOLOGY, BEHAVIOUR AND SURVIVAL POTENTIAL. Hawk Trust Annu. Rep. 8: 19-21. 1977. WR 170
/Falco punctatus/.

78-004907 Mees, G. F. SMELLEKENS /FALCO COLUMBARIUS/ OP DE ATLANTISCHE OCEAAN. [RECORDS OF /FALCO COLUMBARIUS/ ON THE ATLANTIC OCEAN.] Limosa 50 (3-4): 114-118. 1977. In Dutch with English summ. WR 170
[Rijksmus. Nat. Hist., Raamsteeg 2, Leiden, Netherlands]

78-004908 Nelson, Morlan W. PREVENTING ELECTROCUTION DEATHS AND THE USE OF NESTING PLATFORMS ON POWER POLES. Hawk Trust Annu. Rep. 8: 30-33. 1977. WR 170
Nesting structures for raptors.

78-004909 Newton, I. FEEDING AND DEVELOPMENT OF SPARROWHAWK /ACCIPITER NISUS/ NESTLINGS. J. Zool. (Lond.) 184 (4): 465-487. Apr. 1978. WR 170
[Inst. Terrestrial Ecol., 12 Hope Terrace, Morningside, Edinburgh, Scotland]

78-004910 Norberg, R. A. SKULL ASYMMETRY, EAR STRUCTURE AND FUNCTION, AND AUDITORY LOCALIZATION IN TENGMALM'S OWL, /AEGOLIUS FUNEREUS/ (LINNE). Philos. Trans. R. Soc. Lond. B Biol. Sci. 282 (991): 325-410. 9 Mar. 1978. WR 170
[Dep. Zool., Univ. Goteborg, S-400 33 Goteborg 33, Sweden]

78-004911 Northeast, C. J. GOLDEN EAGLE PERSISTENTLY ATTACKING RED DEER CALF. Br. Birds 71 (1): 36-37. Jan. 1978. WR 170
[23 Pfordd Colomendy, Denbigh, Clwyd, Wales] /Aquila chrysaetos/ and /Cervus elaphus/.

78-004912 Opdam, P. J. ECOLOGICAL DIFFERENTIATION IN THE GOSHAWK /ACCIPITER GENTILIS/ AND SPARROWHAWK /ACCIPITER NISUS/. Neth. J. Zool. 27 (4): 392. Dec. 1977. Abstract only. WR 170

78-004913 Osterlof, Sten MIGRATION, WINTERING AREAS, AND SITE TENACITY OF THE EUROPEAN OSPREY /PANDION H. HALIAETUS/ (L.). Ornis Scand. 8 (1): 61-78. 1977. WR 170
[Swedish Mus. Nat. Hist., S-104 05 Stockholm, Sweden]

78-004914 Parker, Alan MERLINS HUNTING TOGETHER OUTSIDE BREEDING SEASON. Br. Birds 71 (1): 37. Jan. 1978. WR 170
[c/o Royal Society Protection of Birds, The Lodge, Sandy, Bedfordshire SG19 2DL, England] /Falco columbarius/.

78-004915 Parker, Alan PEREGRINE QUARTERING GROUND LIKE HARRIER. Br. Birds 71 (1): 37. Jan. 1978. WR 170
[c/o Royal Society Protection of Birds, The Lodge, Sandy, Bedfordshire SG19 2DL, England] /Falco peregrinus/.

78-004916 Peregrine Fund, Cornell SEVEN YEARS PASSED--SEVEN MORE AHEAD. Hawk Trust Annu. Rep. 8: 24-27. 1977. WR 170
A total of 229 falcons were raised--91 during 1977.

78-004917 Platt, Joseph Belnap THE BREEDING BEHAVIOR OF WILD AND CAPTIVE GYRFALCONS IN RELATION TO THEIR ENVIRONMENT AND HUMAN DISTURBANCE. Ph.D. dissertation, Cornell Univ. 173p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4044. Mar. 1978. WR 170
/Falco rusticolus/ in Canada.

78-004918 Powell, W. J. AN ANALYSIS OF NANKEEN KESTREL PELLETS. Notornis 25 (1): 94-95. Mar. 1978. WR 170
[Box 3024, Mahora, Hastings, New Zealand] /Falco cenchroides/ in New Zealand.

78-004919 Prevost, Yves A. FEEDING ECOLOGY OF OSPREYS IN ANTIGONISH COUNTY, NOVA SCOTIA. M.S. thesis, Macdonald Coll. McGill Univ. 111p. 1977. WR 170
[Zool. Dep., Edinburgh Univ., Edinburgh, Scotland EH9 3JT] /Pandion haliaetus/.

78-004920 Reichholf, Josef DER SEEADLER /HALIAEETUS ALBICILLA/ ALS WINTERGAST IN BAYERN. [WHITE-TAILED SEA EAGLES /HALIAEETUS ALBICILLA/ WINTERING IN BAVARIA.] Anz. Ornithol. Ges. Bayern 16 (1): 72-80. May 1977. In German with English summ. WR 170
[Zool. Staatssammlung, Maria-Ward-Strasse 1B, 8000 Munich 19, West Germany]

78-004921 Rockenbauch, Dieter ERFREULICHE ZUNAHME DES WANDERFALKEN (/FALCO PEREGRINUS/). [GRATIFYING INCREASE IN PEREGRINES /FALCO PEREGRINUS/).] Ornithol. Mitt. 29 (11-12): 237-238. Nov./Dec. 1977. In German. WR 170
[Burggasse 22, D 7340 Geislingen-Weiler, West Germany]

78-004922 Rockenbauch, Dieter ERGAENZUNGEN ZUR NAHRUNGSBIOLOGIE EINIGER EULENARTEN. [ADDITIONAL NOTES TO THE FOOD OF SOME SPECIES OF OWLS.] Anz. Ornithol. Ges. Bayern 15 (1): 78-84. Apr. 1976. In German with English summ. WR 170
[Burggasse 22, 7340 Geislingen-Weiler, West Germany] Summary: An annotated prey list is given for the five species of owls (/Bubo bubo/, /Strix aluco/, /Tyto alba/, /Asio otus/, and /Athene noctua/) from a study area on the Swabian Alb around the town of Geislingen. A total of 524 identified prey items comprised 52 species of birds and mammals predominantly. Data are listed in the table.

78-004923 Rudolph, Seri G. PREDATION ECOLOGY OF COEXISTING GREAT HORNED AND BARN OWLS. Wilson Bull. 90 (1): 134-137. Mar. 1978. WR 170
[Dep. Wildl. & Fisheries Biol., Univ. Calif., Davis 95616] /Bubo virginianus/ and /Tyto alba/.

78-004924 Ryan, Richard A. BARN OWLS FOR PEST CONTROL. N.J. Audubon 3 (5-6): 75-76. May-June 1977. WR 170
/Tyto alba/.

78-004925 Safir, Linda L. A HINT FOR DEALING WITH "JUMPERS". Inl. Bird Banding News 50 (2): 59. Mar.-Apr. 1978. WR 170
[Brookfield, Wis.] /Bubo virginianus/.

78-004926 Sandgren, Bjorn SMUTSGAM /NEOPHRON PERCNOPTERUS/ ANTRAFFAD I SVERIGE. [FIRST RECORD OF THE EGYPTIAN VULTURE /NEOPHRON PERCNOPTERUS/ IN SWEDEN.] Var Fagelvarld 37 (1): 67-68. 1978. In Swedish with English summ. WR 170
[Funbo-Lovsta, S-755 90 Uppsala, Sweden]

78-004927 Schuster, Siegfried; Werner, Hanns DER GREIFVOGELBESTAND DES BODANRUECKS (BODENSEE) 1974 UND 1975. [POPULATION OF BIRDS OF PREY IN THE "BODANRUCK" AREA (LAKE OF CONSTANCE) IN 1974 AND 1975.] Anz. Ornithol. Ges. Bayern 16 (1): 10-17. May 1977. In German with English summ. WR 170
[Amriswiler Str. 11, 7760 Radolfzell, West Germany]

78-004928 Shalter, Michael D. LOCALIZATION OF PASSERINE SEEET AND MOBBING CALLS BY GOSHAWKS AND PYGMY OWLS. Z. Tierpsychol. 46 (3): 260-267. Mar. 1978. In English with German summ. WR 170
[Abteilung Biol., Ruhr-Univ., D-4630 Bochum 1, West Germany] /Accipiter gentilis/, /Glaucidium perlatum/ and /G. brasilianum/.

78-004929 Simpson, Marcus B., Jr. BREEDING SEASON RECORD OF THE SAW-WHET OWL FROM GRAYSON HIGHLANDS STATE PARK, VIRGINIA. Raven 47 (3): 55-56. Sept. 1976. WR 170
[Johns Hopkins Hospital, Baltimore, Md. 21205] /Aegolius acadicus/.

78-004930 Smeenk, C.; Smeenk-Enserink, N. OBSERVATIONS ON THE SHIKRA /ACCIPITER BADIUS/ IN NIGERIA. Ardea 65 (3-4): 148-164. Mar. 1978. In English with Dutch summ. WR 170
[Rijksmus. Nat. Hist., Postbus 9517, 2300 RA Leiden, Netherlands]

78-004931 Smith, Gerald A.; Muir, David G. DERBY HILL SPRING HAWK MIGRATION UPDATE. Kingbird 28 (1): 5-25. 1978. WR 170
[Rice Creek Biol. Field Stn., State Univ. N.Y., Oswego 13126]

78-004932 Smith, H. J. /CRYPTOCOTYLE LINGUA/ INFECTION IN A BALD EAGLE (/HALIAEETUS LEUCOCEPHALUS/). J. Wildl. Dis. 14 (2): 163-164. Apr. 1978. WR 170
[P.O. Box 1410, Sackville, New Brunswick E0A 3C0, Canada]

78-004933 Stamm, Anne L. SOME COMMENTS ON THE 1977 ONE-DAY BALD EAGLE COUNT. Ky. Warbler 53 (3): 35-37. Aug. 1977. WR 170
[9101 Spokane Way, Louisville, Ky. 40222] /Haliaeetus leucocephalus/.

78-004934 Steyn, Peter OBSERVATIONS ON THE LONG-CRESTED EAGLE. Bokmakierie 30 (1): 3-10. Mar. 1978. WR 170
[Box 54, Newlands 7725, South Africa] /Lophaetus occipitalis/.

78-004935 Stocek, R. F.; Pearce, P. A. THE PEREGRINE FALCON IN THE MARITIME PROVINCES. Can. Wildl. Serv. Wildl. Toxicol. Div. Manuscr. Rep. no. 36. 13p. 1978. In English with French summ. WR 170
[Maritime Forest Ranger School, Fredericton, New Brunswick E3B 4X6, Canada] /Falco peregrinus/.

78-004936 Stussi, Beat TURMFALKENWEIBCHEN GREIFT JUNGES ALPENMURMELTIER. [FEMALE KESTREL CAPTURES YOUNG ALPINE MARMOTS.] Ornithol. Beob. 74 (4-6): 210. Dec. 1977. In German. WR 170
/Falco tinnunculus/ and /Marmota marmota/.

78-004937 Szaro, Robert C. REPRODUCTIVE SUCCESS AND FORAGING BEHAVIOR OF THE OSPREY AT SEAHORSE KEY, FLORIDA. Wilson Bull. 90 (1) : 112-118. Mar. 1978. WR 170
[Patuxent Wildl. Res. Cent., Laurel, Md. 20811] /Pandion haliaetus/.

78-004938 Tabb, Eric WINTER RETURNS OF AMERICAN KESTRELS IN SOUTHERN FLORIDA. N. Am. Bird Bander 2 (4): 163. Oct.-Dec. 1977. WR 170
[9840 Bahama Dr., Miami, Fla. 33189] /Falco sparverius/.

78-004939 Tarboton, Warwick R. HUNTING AND THE ENERGY BUDGET OF THE BLACK-SHOULDERED KITE. Condor 80 (1): 88-91. 1978. WR 170
[Nature Conservation Div., Transvaal Provincial Admin., P.O. Box 327, Nylstroom 0510, South Africa] /Elanus caeruleus/ in South Africa.

78-004940 Taylor, Michael E. MONTAGU'S HARRIER HOVERING. Br. Birds 71 (2): 77. Feb. 1977. WR 170
[76 Hawksley Ave., Chesterfield, Derbyshire S40 4TL, England] /Circus pygargus/ in France.

78-004941 Thiollay, J. M. PRECISIONS NOUVELLES SUR LE STATUT DE CERTAINS RAPACES EN AFGHANISTAN. [NEW INFORMATION ON THE STATUS OF CERTAIN RAPTORS IN AFGHANISTAN.] Alauda 46 (1): 98-100. Feb. 1978. In French. WR 170
[Lab. Zool., E.N.S., 46 rue D'Ulm, 75230 Paris Cedex 05, France]

78-004942 Voight, Janet; Glenn-Lewin, David C. PREY AVAILABILITY AND PREY TAKEN BY LONG-EARED OWLS IN IOWA. Am. Midl. Nat. 99 (1): 162-171. Jan. 1978. WR 170
[Dep. Botany & Plant Pathol., Iowa State Univ., Ames 50011] /Asio otus/.

78-004943 Walsh, Bryan P. OBSERVATIONS ON PEREGRINE FALCONS NESTING IN WERRIBEE GORGE, VICTORIA. Aust. Bird Watcher 7 (5): 137-142. Mar. 1978. WR 170
[c/o Natl. Park Serv., Minist. Conserv., 240 Victoria Parade, East Melbourne, Victoria 3002, Australia] /Falco peregrinus/.

78-004944 Williams, Bill MARSH HAWKS ATTACK PEREGRINE FALCON. Raven 47 (3): 53-54. Sept. 1976. WR 170
[157 West Queens Dr., Williamsburg, Va. 23185] /Circus cyaneus/ and /Falco peregrinus/ in Virginia.

78-004945 Wilson, Nixon; Oliver, George V., Jr. NOTEWORTHY RECORDS OF TWO ECTOPARASITES (CIMIDIDAE AND HIPPOBOSCIDAE) FROM THE TURKEY VULTURE IN TEXAS. Southwest. Nat. 23 (2): 305-307. 20 Mar. 1978. WR 170
[Dep. Biol. Univ. Northern Iowa, Cedar Falls 50613] /Cathartes aura/.

78-004946 Youngman, R. E. HOBBIES HATCHING FOUR EGGS. Br. Birds 71 (4): 181-182. Apr. 1978. WR 170
[53 Seymour Park Rd., Marlow, Buckinghamshire SL7 3ER, England] /Falco subbuteo/ in England.

78-004947 Zolotarev, A. A. [A STUDY OF DISTRIBUTION AND ESTIMATE OF POPULATION NUMBERS OF THE TAWNY OWL BY MEANS OF DIRECTION FINDING.] Zool. Zh. 57 (2): 464-466. Mar. 1978. In Russian with English summ. WR 170
[Khopersky State Reservation, Voronezh District, USSR] /Strix aluco/ in the USSR.

BLACKBIRDS, STARLINGS, CROWS

78-004948 Anderson, John R.; Merritt, Richard W. THE IMPACT OF FORAGING MEADOWLARKS, /STURNELLA NEGLECTA/, ON THE DEGRADATION OF CATTLE DUNG PADS. J. Appl. Ecol. 14 (2): 355-362. Aug. 1977. WR 170
[Dep. Entomol. Sci., Univ. Calif., Berkeley 94720]

78-004949 Angwin, E. FOOD STORAGE IN INDIAN HOUSE CROWS. East Afr. Nat. Hist. Soc. Bull. p. 131. Nov./Dec. 1977. WR 170
[P.O. Box 72833, Nairobi, Kenya] /Corvus splendens/ in Kenya.

78-004950 Balda, Russell P.; Balda, Jane H. THE CARE OF YOUNG PINON JAYS (/GYMNORHINUS CYANOCEPHALUS/) AND THEIR INTEGRATION INTO THE FLOCK. J. Ornithol. 119 (2): 146-171. Apr. 1978. In English with German summ. WR 170
[Dep. Biol. Sci., Northern Ariz. Univ., Flagstaff 86011]

78-004951 Brown, Hamish M. STARLINGS FILLING NESTBOX WITH HOLLYHOCK SEEDS. Scott. Birds 10 (1): 25. 1978. WR 170
/Sturnus vulgaris/.

78-004952 Cohen, Steven Michael BLUE JAY VOCAL BEHAVIOR. Ph.D. dissertation, Univ. Mich. 153p. 1976. From Diss. Abstr. Int. B Sci. Eng. 38(3):1082. Sept. 1977. WR 170
/Cyanocitta cristata/ in Michigan.

78-004953 Coleman, J. D. THE FOODS AND FEEDING OF STARLINGS IN CANTERBURY. Proc. N.Z. Ecol. Soc. 24: 94-109. 1977. WR 170
[Protection Forestry Div., Forest Res. Inst., Christchurch, New Zealand] /Sturnus vulgaris/.

78-004954 Coleman, J. D.; Robson, A. B. VARIATIONS IN BODY WEIGHT, FAT-FREE WEIGHTS AND FAT DEPOSITION OF STARLINGS IN NEW ZEALAND. Proc. N.Z. Ecol. Soc. 22: 7-13. 1975. WR 170
[For. & Range Exp. Stn., Box 106, Rangiora, New Zealand] /Sturnus v. vulgaris/.

78-004955 Crocq, Claude BIOLOGIE DE L'ALIMENTATION DU CASSE-NOIX /NUCIFRAGA CARYOCATACTES CARYOCATACTES/ (L.) DANS LES ALPES: ETUDE DES CACHES. [BIOLOGY OF THE FOOD HABITS OF THE NUTCRACKER /NUCIFRAGA CARYOCATACTES CARYOCATACTES/ IN THE ALPS: STUDY OF THE CACHES.] Oiseau Rev. Fr. Ornithol. 47 (4): 319-334. 1977. In French with English summ. WR 170

78-004956 Davis, Wayne H. BEHAVIORAL CHANGES IN STARLINGS AND CROWS. Ky. Warbler 53 (2): 30. May 1977. WR 170
[School Biol. Sci., Univ. Ky., Lexington 40506] /Sturnus vulgaris/ and /Corvus brachyrhynchos/.

78-004957 Dolbeer, Richard A.; Woronecki, Paul P.; Stickley, Allen R., Jr.; White, Stephen B. AGRICULTURAL IMPACT OF A WINTER POPULATION OF BLACKBIRDS AND STARLINGS. Wilson Bull. 90 (1): 31-44. Mar. 1978. WR 170
[Denver Wildl. Res. Cent., c/o Plum Brook, Taylor and Columbus Rds., Sandusky, Ohio 44870]

78-004958 Dolbeer, Richard A. MOVEMENT AND MIGRATION PATTERNS OF RED-WINGED BLACKBIRDS: A CONTINENTAL OVERVIEW. Bird-Banding 49 (1): 17-34. 1978. WR 170
[U.S. Fish Wildl. Serv., Ohio Field Stn., c/o Plum Brook Stn., Columbus & Taylor Rds., Sandusky 44870] /Agelaius phoeniceus/.

78-004959 Eustis, O. B. COMMON RAVEN NESTING IN ALPENA COUNTY. Jack-Pine Warbler 56 (1): 45. Mar. 1978. WR 170
[13500 Lachine Dr., Rt. 1, Lachine, Mich. 49753] First confirmed nesting of /Corvus corax/ in the lower peninsula of Michigan "since the big logging years."

78-004960 Peare, C. J. COMMUNAL ROOSTING IN THE MYNAH /ACRIDOTHERES TRISTIS/. J. Bombay Nat. Hist. Soc. 73 (3): 525-527. Dec. 1976. WR 170
[Minist. Agric., Fisheries & Food, Pest Infestation Control Lab., Tangley Place, Worplesdon, Guildford, Surrey, England]

78-004961 Peekes, Francisca COLONY-SPECIFIC SONG IN /CACICUS CELA/ (ICTERIDAE, AVES): THE PASS-WORD HYPOTHESIS. Ardea 65 (3-4): 197-202. Mar. 1978. In English with Dutch summ. WR 170
[Havenweg 7, Baflo (Groningen), Netherlands]

78-004962 Fitzpatrick, J. ALPINE CHOUGH RETRIEVING AND RE-HIDING PIECE OF ORANGE. Br. Birds 71 (3): 134. 1977. WR 170
[18 Edwick Court, High St., Cheshunt, Hertfordshire, England] /Pyrrhocorax graculus/ in Switzerland.

78-004963 Gochfeld, Michael STARLING ROOST-SITE SELECTION: PREFERENCE FOR PALM TREES. Emu 78 (1): 39-40. Feb. 1978. WR 170
[Field Res. Cent., Rockefeller Univ., Millbrook, N.Y. 12545] /Sturnus vulgaris/ in Australia.

78-004964 Gush, Geoffrey H. NEWLY ACQUIRED FEEDING TECHNIQUE BY CROWS? Br. Birds 71 (1): 40-41. Jan. 1978. WR 170
[Heather Cottage, Higher Metcombe, Ottery St Mary, Devon EX11 1SR, England] /Corvus corone/, /Garrulus glandarius/ and /Pica pica/.

78-004965 Hart, Siem van 'T. BREEDING THE BALD STARLING /SARCOPS CALVUS/. Avic. Mag. 84 (1): 1. Jan.-Mar. 1978. WR 170
[Capelle a/d Ijssel, Netherlands]

78-004966 Haslett, Theresa M.; Schneider, Warren J. OCCURRENCE AND ATTEMPTED TRANSMISSION OF /TOXOPLASMA GONDII/ IN EUROPEAN STARLINGS (/STURNUS VULGARIS/). J. Wildl. Dis. 14 (2): 173-175. Apr. 1978. WR 170
[Dep. Biol. Sci., Univ. Pacific, Stockton, Calif. 95211]

78-004967 Howard, Ronald Allen, Jr. HABITAT STRUCTURE, POLYGYNY, AND THE EVOLUTION OF UPLAND NESTING IN RED-WINGED BALCKBIRDS (/AGELAIUS PHOENICEUS/). Ph.D. dissertation, Cornell Univ. 129p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4041. Mar. 1978. WR 170

78-004968 Howe, Henry Franklin II ASPECTS OF PARENTAL INVESTMENT AND SEX-RATIO ADJUSTMENT IN THE COMMON GRACKLE. Ph.D. dissertation, Univ. Mich. 202p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(11): 5230. May 1978. WR 170
/Quiscalus quiscula/.

78-004969 Hunter F. R.; Lim, Joey O. FACILITATED DIFFUSION IN STARLING ERYTHROCYTES. Comp. Biochem. Physiol. A Comp. Physiol. 59 (4): 355-358. 1978. WR 170
[Dep. Biol. Sci., Univ. Pacific, Stockton, Calif. 95211] /Sturnus vulgaris/.

78-004970 Inabnit, Herbert EICHELHAEHERBRUT IN NISTKASTEN. [EUROPEAN JAY IN NEST BOXES.] Ornithol. Beob. 74 (4-6): 209-210. Dec. 1977. In German. WR 170
/Garrulus glandarius/.

78-004971 Kelty, Michael Patrick INTERACTION OF PHYSIOLOGY, BEHAVIOR, AND ENVIRONMENT ON THE SEASONAL ENERGETICS OF THE STARLING, /STURNUS VULGARIS/. Ph.D. dissertation, Ohio State Univ. 73p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(11):5231. May 1978. WR 170

78-004972 Khacher, Lavkumar A NOTE ON HUME'S GROUND CHOUGH /PODOCES HUMILIS/ HUME. J. Bombay Nat. Hist. Soc. 74 (2): 356-357. Aug. 1977. WR 170
[c/o Bombay Nat. His. Soc., Hornbill House, Shahid Bhagat Singh Rd., Bombay 400 023, India]

78-004973 Korbut, V. V. [DEFENSIVE REACTIONS OF DAW (/CORVUS MONEDULA/ L.) AT NESTLING PERIOD.] Biol. Nauki (Mosc.) 1977 (8): 56-58. Aug. 1977. In Russian. WR 170

78-004974 Krapu, Gary L. PRODUCTIVITY OF RED-WINGED BLACKBIRDS IN PRAIRIE POTHOLE HABITAT. Iowa Bird Life 48 (1): 24-30. Mar. 1978. WR 170
[Northern Prairie Wildl. Res. Cent., Jamestown, N. Dak. 58401] /Agelaius phoeniceus/ in Iowa.

78-004975 Lenington, Sarah Gardner EVOLUTION OF POLYGYNY IN RED-WINGED BLACKBIRDS. Ph.D. dissertation, Univ. Chicago 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3535. Feb. 1978. WR 170

78-004976 Luniak, Maciej KONSUMPCJA I TRAWIENIE POKARMOW U GAWRONA, /CORVUS FRUGILEGUS/ L., W WARUNKACH WOLIERY. [CONSUMPTION AND DIGESTION OF FOOD IN THE ROOK, /CORVUS FRUGILEGUS/ L., IN THE CONDITION OF AN AVIARY.] Acta Ornithol. (Warsaw) 16 (6): 213-240. 10 Dec. 1977. In Polish with Russian and English summ. WR 170
[Inst. Zool., PAN, 00-950 Warsaw, Poland]

78-004977 Luniak, Maciej LICZEBNOSC I PRODUKTYWNOSC LEGOW SZPAKA /STURNUS VULGARIS/ L., W WARSZAWIE. [ABUNDANCE AND PRODUCTIVITY OF BROODS OF THE STARLING, /STURNUS VULGARIS/ L., IN WARSAW.] Acta Ornithol. (Warsaw) 16 (7): 241-274. 10 Dec. 1977. In Polish with Russian and English summ. WR 170
[Inst. Zool., PAN, 00-950 Warsaw, Poland]

78-004978 Michael, Edwin D.; Taylor, Curtis USE OF INTERSTATE HIGHWAY CUTS AS STARLING NESTING SITES. Condor 80 (1): 113-115. 1978. WR 170
[Dep. Forestry, W. Va. Univ., Morgantown 26506] /Sturnus vulgaris/ in West Virginia.

78-004979 Monahan, Michael Wallace DETERMINANTS OF MALE PAIRING SUCCESS IN THE REDWINGED BLACKBIRD (/AGELAIUS PHOENICEUS/): A MULTIVARIATE, EXPERIMENTAL ANALYSIS. Ph.D. dissertation, Ind. Univ. 178p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(11):5169. May 1978. WR 170

78-004980 Myers, Judith H. SEX RATIO ADJUSTMENT UNDER FOOD STRESS: MAXIMIZATION OF QUALITY OR NUMBERS OF OFFSPRING? Am. Nat. 112 (984): 381-388. Mar.-Apr. 1978. WR 170
[Dep. Plant Sci., Univ. British Columbia, Vancouver, British Columbia V6T 1W5, Canada] [/Agelaius phoeniceus/].

78-004981 Nothdurft, Wilhelm SOMMERVORKOMMEN SCHWARZGRAUER AASKRAEHEN /CORVUS CORONE/ IN OBERSCHWABEN VON 1968 BIS 1971. [SUMMER DISTRIBUTION OF BLACK-GREY CARRION CROW /CORVUS CORONE/ IN OBERSCHWABEN BETWEEN 1968 AND 1971.] Anz. Ornithol. Ges. Bayern 15 (1): 65-68. Apr. 1976. In German with English summ. WR 170
[Joh.-Palm-Str. 54, 79 Ulm-Wiblingen, West Germany]

78-004982 Perlmutter, H. M. SOME OBSERVATIONS ON THE NESTING, TRAPPING, ROOSTING AND GENERAL BEHAVIOUR OF CROWS IN SALISBURY. Honeyguide no. 92. p. 25-29. Nov. 1977. WR 170
[8 Laurie Rd., Milton Park, Salisbury, Rhodesia] /Corvus albus/ and /C. capensis/.

78-004983 Pleasants, Barbara Yohai ECOLOGICAL FACTORS AFFECTING THE BREEDING DISPERSION PATTERNS OF SOME NORTH AMERICAN ORIOLES (/ICTERUS/). Ph.D. dissertation, Univ. Calif. (Los Angeles) 93p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):2022. Nov. 1977. WR 170

78-004984 Prinzinger, Roland TEMPERATUR- UND STOFFWECHSELREGULATION DER DOHLE /CORVUS MONEDULA/ L., RABENKRAEHE /CORVUS CORONE CORONE/ L. UND ELSTER /PICA PICA/ L.; CORVIDAE. [TEMPERATURE- AND METABOLISM-REGULATION OF THE JACKDAW /CORVUS MONEDULA/, L., THE CARRION CROW /CORVUS CORONE CORONE/, L. AND THE MAGPIE /PICA PICA/, L.; CORVIDAE.] Anz. Ornithol. Ges. Bayern 15 (1): 1-47. Apr. 1976. In German with English summ. WR 170
[Inst. Biol. III, Auf den Morgenstelle 28, D-7400 Tubingen 1, West Germany]

78-004985 Purchas, T. P. G. ROOKS (/CORVUS FRUGILEGUS FRUGILEGUS/ L.) HIDING NUTS IN KAWKE'S BAY. Proc. N.Z. Ecol. Soc. 22: 111-112. 1975. Abstract only. WR 170
[Ecol. Div., DSIR, Lower Hutt, New Zealand]

78-004986 Rau, Manfred E.; Shaar, Maria S.; Markell, Rhonda LES PARASITES DES ANIMAUX SAUVAGES DU QUEBEC. 4. LES HELMINTHES DU CAROUGE A EPAULETTES (/AGELAIUS PHOENICEUS/) DE LA REGION SUD-OUEST DU QUEBEC. [THE PARASITES OF THE WILD ANIMALS OF QUEBEC. 4. THE HELMINTHS OF THE RED-WINGED BLACKBIRD /AGELAIUS PHOENICEUS/ OF THE SOUTHWESTERN QUEBEC REGION.] Nat. Can. (Que.) 105 (1): 58-59. Jan.-Feb. 1978. In French. WR 170
[Inst. Parasitol., Macdonald Coll., Univ. McGill, Ste. Anne-de-Bellevue, Quebec H0A 1C0, Canada]

78-004987 Richards, David B.; Thompson, Nicholas S. CRITICAL PROPERTIES OF THE ASSEMBLY CALL OF THE COMMON AMERICAN CROW. Behaviour 64 (3-4): 184-203. 1978. In English with French summ. WR 170
[Dep. Psychol., Clark Univ., Worcester, Mass.] /Corvus brachyrhynchos/.

78-004988 Roell, A. SOCIAL BEHAVIOUR OF THE JACKDAW, /CORVUS MONEDULA/, IN RELATION TO ITS NICHE. Behaviour 64 (1-2): 1-124. 1978. In English with French summ. WR 170
[Univ. Groningen, Groningen, Netherlands]

78-004989 Rogers, John G., Jr. SOME CHARACTERISTICS OF CONDITIONED AVERSION IN RED-WINGED BLACKBIRDS. Auk 95 (2): 362-369. Apr. 1978. WR 170
[Pa. Field Stn., Denver Wildl. Res. Cent., Laurel, Md. 20811] /Agelaius phoeniceus/.

78-004990 Schneider, Warren J.; Haslett, Theresa M. ATTEMPTED EXPERIMENTAL TRANSMISSION OF PSEUDORABIES VIRUS TO EUROPEAN STARLINGS (/STURNUS VULGARIS/). J. Wildl. Dis. 14 (2): 170-172. Apr. 1978. WR 170
[School Pharmacy, Univ. Pacific, Stockton, Calif. 95211]

78-004991 Schwan, Mark W.; Williams, Darrell D. TEMPERATURE REGULATION IN THE COMMON RAVEN OF INTERIOR ALASKA. Comp. Biochem. Physiol. A Comp. Physiol. 60 (1): 31-36. 1978. WR 170
[Regional Primate Res. Cent., Univ. Wash., Seattle 98195] /Corvus corax principalis/.

78-004992 Searcy, William Alan THE EFFECT OF SEXUAL SELECTION ON MALE RED-WINGED BLACKBIRDS (/AGELAIUS PHOENICEUS/). Ph.D. dissertation, Univ. Wash. 126p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4113. Mar. 1978. WR 170

78-004993 Shipley, Frank S. CLUTCH SIZE ADAPTATIONS OF RED-WINGED BLACKBIRDS. Trans. Kans. Acad. Sci. 80 (162): 84-85. 1977. Abstract only. WR 170
[Kans. State Univ., Manhattan 66506] /Agelaius phoeniceus/.

78-004994 Sieber, Johanna FREILANDBEOBACHTUNGEN UND VERSUCH EINER BESTANDSAUFNAHME DES BALI-STARS /LEUCOPSAR ROTHSCHILDI/. [SOME OBSERVATIONS ON THE WHITE BALI MYNAH (/LEUCOPSAR ROTHSCHILDI/) IN ITS NATURAL ENVIRONMENT.] J. Ornithol. 119 (1): 102-106. Jan. 1978. In German with English summ. WR 170
[Savoyenstrasse 1A, A-1160 Vienna, Austria]

78-004995 Slade, Brian E. DISPLAY OF MAGPIE. Br. Birds 71 (3): 133-134. Mar. 1978. WR 170
[40 Church House Rd., Barrow, Burnham-on-Sea, Somerset TA8 2NQ, England] /Pica pica/.

78-004996 Spencer, K. G. MAGPIES DRYING THEMSELVES ON GRASS. Br. Birds 71 (3): 133. Mar. 1978. WR 170
[3 Landseer Close, off Carr Rd., Burnley, Lancashire, England] /Pica pica/.

78-004997 Stevenson, Henry M. THE POPULATION OF BOAT-TAILED GRACKLES IN THE SOUTHEASTERN UNITED STATES. Proc. Biol. Soc. Wash. 91 (1): 27-51. 3 May 1978. WR 170
[Tall Timbers Res. Stn., Rt. 1, Box 160, Tallahassee, Fla. 32303] The boat-tailed Grackle (/Quiscalus major/) was found to comprise four disjunct and somewhat distinct populations--/Q. m. torreyi/, southern New Jersey to northeastern Florida: /Q. m. westoni/, Florida Peninsula; /Q. m. alabamensis/, coast of Alabama and southeastern Mississippi, and /Q. m. major/, southwestern Mississippi to southeastern Texas.--From abstr.

78-004998 Stewart, Paul A. POSSIBLE WEATHER-RELATED SOUTHWARD MOVEMENTS OF COMMON GRACKLES IN EARLY JANUARY. Bird-Banding 49 (1): 79-80. 1978. WR 170
[203 Mooreland Dr., Oxford, N.C. 27565] /Quiscalus quiscula/.

78-004999 Suthers, Hannah B. ANALYSIS OF A RESIDENT FLOCK OF STARLINGS. Bird-Banding 49 (1): 35-46. 1978. WR 170
[Dep. Biol., Princeton Univ., Princeton, N.J. 08540] /Sturnus vulgaris/ in New Jersey.

78-005000 Tomback, Diana Francine THE BEHAVIORAL ECOLOGY OF THE CLARK'S NUTCRACKER (/NUCIFRAGA COLUMBIANA/) IN THE EASTERN SIERRA NEVADA. Ph.D. dissertation, Univ. Calif. (Santa Barbara) 223p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(7):3030. Jan. 1978. WR 170

78-005001 Uys, C. J. NOTES ON WATTLED STARLINGS IN THE WESTERN CAPE. Bokmakierie 29 (4): 87-89. Dec. 1977. WR 170
[Dep. Pathol., Med. School, Observatory 7925, South Africa] /Creatophora cinerea/ in South Africa.

78-005002 Van Horn, Dennis; Towell, Dale E. RECENT RECORDS OF THE BLUE JAY (/CYANOCITTA CRISTATA/) IN OREGON. Murrelet 58 (3): 83-84. 1977. WR 170
[Pacific Northwest Range & Wildl. Habitat Lab., La Grande, Oreg. 97850]

78-005003 Washington, Derek STARLINGS IMITATING CETTI'S WARBLER. Br. Birds 71 (2): 85-86. Feb. 1978. WR 170
[15 Bond Gardens, Wallington, Surrey, England] /Sturnus vulgaris/.

78-005004 Weber, John W. BLUE JAY INFLUX INTO WASHINGTON DURING THE 1976-77 WINTER. Murrelet 58 (3): 84-86. 1977. WR 170
[Dep. Civil & Environ. Eng., Wash. State Univ., Pullman 99164] /Cyanocitta cristata/.

78-005005 Weller, Edward B.; Harris, Brian W.; Hilton, Frederick K. THE EFFECTS OF TEMPERATURE ON THE ISOLATED HEART OF THE EUROPEAN STARLING, /STURNUS VULGARIS/. Comp. Biochem. Physiol. A Comp. Physiol. 60 (1): 75-77. 1978. WR 170
[Dep. Anatomy, Univ. Louisville School Med., Louisville, Ky. 40201]

78-005006 Woolfenden, Glen E. GROWTH AND SURVIVAL OF YOUNG FLORIDA SCRUB JAYS. Wilson Bull. 90 (1): 1-18. Mar. 1978. WR 170
[Dep. Biol., Univ. South Fla., Tampa 33620] /Aphelocoma c. coerulescens/ in Florida.

78-005007 Yasukawa, Ken MALE QUALITY IN THE REDWINGED BLACKBIRD (/AGELAIUS PHOENICEUS/). Ph.D. dissertation, Ind. Univ. 118p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3540. Feb. 1978. WR 170

OTHER PASSERINE BIRDS

78-005008 Abbott, Dennis J. III; Finch, Davis W. FIRST VARIEGATED FLYCATCHER (/EMPIDONOMUS VARIUS/) RECORD FOR THE UNITED STATES. Am. Birds 32 (2): 161-163. Mar. 1978. WR 170
[58 River Rd., Stratham, N.H. 03885]

78-005009 Adkinsson, Curtis S. THE BREEDING AND MAINTENANCE OF PINE GROSBEAKS IN CAPTIVITY. Avic. Mag. 83 (4): 195-198. Oct.-Dec. 1977. WR 170
/Pinicola enucleator/.

78-005010 Ake, Jorn R.; Ake, Robert L.; Fogleman, Wavell W. SAVANNAH SPARROW NEST IN HIGHLAND COUNTY--FIRST NESTING RECORD FOR VIRGINIA. Raven 47 (3): 57-58. Sept. 1976. WR 170
[615 Carolina Ave., Norfolk, Va. 23508] /Passerculus sandwichensis/.

78-005011 Ammermann, Dieter BEGINN UND ENDE DER TAGESAKTIVITAET VON ZAUNKOENIGEN, /TROGLODYTES TROGLODYTES/, BEOBACHTET AN EINEM GEMEINSCHAFTSSCHLAFPLATZ. [BEGIN AND END OF THE DAILY ACTIVITY OF WRENS, /TROGLODYTES TROGLODYTES/, OBSERVED AT A COMMON ROOSTING PLACE] Anz. Ornithol. Ges. Bayern 14 (3): 296-299. Dec. 1975. In German with English summ. WR 170
[Inst. Biol. III, Auf der Morgenstelle 28, 74 Tubingen, West Germany]

78-005012 Ash, J. S. A BASRA REED WARBLER /ACROCEPHALUS ARUNDINACEUS GRISELDIS/ IN MOZAMBIQUE. Bull. Br. Ornithol. Club 98 (1): 29-30. Mar. 1978. WR 170
[Natl. Mus. Nat. Hist., Washington, D.C. 20560]

78-005013 Ash, J. S. ETHIOPIA AS A PRESUMED WINTERING AREA FOR THE EASTERN GRASSHOPPER WARBLER /LOCUSTELLA NAEVIA STRAMINEA/. Bull. Br. Ornithol. Club 98 (1): 22-24. Mar. 1978. WR 170
[Natl. Mus. Nat. Hist., Washington, D.C. 20560]

78-005014 Ashford, R. W. FIRST RECORD OF HOUSE SPARROW FOR PAPUA NEW GUINEA. Emu 78 (1): 36. Feb. 1978. WR 170
[P.O. Box 5623, Boroko, Papua New Guinea] /Passer domesticus/.

78-005015 Askenmo, Conny EFFECTS OF ADDITION AND REMOVAL OF NESTLINGS ON NESTLING WEIGHT, NESTLING SURVIVAL, AND FEMALE WEIGHT LOSS IN THE PIED FLYCATCHER /FICEDULA HYPOLEUCA/ (PALLAS). Ornis Scand. 8 (1): 1-8. 1977. WR 170
[Dep. Zool., Univ. Gothenburg, S-40033 Gothenburg, Sweden]

78-005016 Austin, George T. DAILY TIME BUDGET OF THE POSTNESTING VERDIN. Auk 95 (2): 247-251. Apr. 1978. WR 170
[Dep. Biol. Sci., Univ. Nev., Las Vegas 89154] /Auriparus flaviceps/ in Arizona.

78-005017 Bairlein, Franz UEBER DIE BIOLOGIE EINER SUEDWESTDEUTSCHEN POPULATION DER MOENCHSGRASMUECKE (/SYLVIA ATRICAPILLA/). [THE BIOLOGY OF A POPULATION OF BLACKCAPS /SYLVIA ATRICAPILLA/ IN SOUTHWEST GERMANY.] J. Ornithol. 119 (1): 14-51. Jan. 1978. In German with English summ. WR 170
[Max-Planck-Inst. Verhaltensphysiol., Vogelwarte Radolfzell, D-7760 Schloss Moggingen, West Germany]

78-005018 Balph, Martha Hatch SOME POPULATION TRENDS AMONG CASSIN'S FINCHES IN NORTHERN UTAH. N. Am. Bird Bander 3 (1): 12-15. Jan.-Mar. 1978. WR 170
[Dep. Wildl. Sci., UMC 52, Utah State Univ., Logan 84322] /Carpodacus cassinii/.

78-005019 Banks, Richard C.; Baird, James A NEW HYBRID WARBLER COMBINATION. Wilson Bull. 90 (1): 143-144. Mar. 1978. WR 170
[Div. Coop. Res., U.S. Fish & Wildl. Serv., Washington, D.C. 20240] /Dendroica coronata/ X /D. castanea/.

78-005020 Baptista, Luis F. TERRITORIAL, COURTSHIP AND DUET SONGS OF THE CUBAN GRASSQUIT (/TIARIS CANORA/). J. Ornithol. 119 (1): 91-101. Jan. 1978. In English with German summ. WR 170
[Moore Lab. Zool., Occidental Coll., Los Angeles, Calif. 90041]

78-005021 Barnicoat, F. C. EXPERIENCES WITH PARROT FINCHES. Avic. Mag. 83 (4): 199-205. Oct.-Dec. 1977. WR 170
[Johannesburg, South Africa] /Erythrura/ spp.

78-005022 Barrows, Edward M. BEHAVIOURAL CHANGES DURING RECOVERY FROM INJURY IN CAPTIVE JUVENILE MOCKINGBIRDS /MIMUS POLYGLOTTOS/. Avic. Mag. 84 (1): 51-56. Jan.-Mar. 1978. WR 170
[Georgetown Univ., Washington, D.C.]

78-005023 Batten, L. A. THE SEASONAL DISTRIBUTION OF RECOVERIES AND CAUSES OF BLACKBIRD MORTALITY. Bird Study 25 (1): 23-32. Mar. 1978. WR 170
[Nature Conservancy Council, 19-20 Belgrave Sq., London SW1X 8PY, England] /Turdus merula/.

78-005024 Baylor, L. M. YELLOW-THROATED VIREO: AN ACCIDENTAL SUMMER RESIDENT AT RAPID CITY. S.D. Bird Notes 27 (2): 27-29. June 1975. WR 170
/Vireo flavifrons/ in South Dakota.

78-005025 Beehler, Bruce THE STATUS OF /SERICORNIS NIGROVIRIDIS/. Condor 80 (1): 115-116. 1978. WR 170
[Dep. Biol., Princeton Univ., Princeton, N.J. 08540]

78-005026 Benson, C. W.; Brooke, R. K.; Traylor, Melvin A. MULTIPLE ORIGINAL SPELLINGS OF /BRADYPTERUS/ SWAINSON, 1837. Bull. Br. Ornithol. Club 98 (1): 4-5. Mar. 1978. WR 170
[Dep. Zool., Downing St., Cambridge CB2 3EJ, England]

78-005027 Bergmann, Hans-Heiner BEZIEHUNGEN ZWISCHEN HABITATSTRUKTUR UND MOTIVGESANG BEI EUROPAEISCHEN GRASMUECKEN (/GATTUNG /SYLVIA/). [THE RELATIONSHIP BETWEEN HABITAT STRUCTURE AND SONG PATTERN IN EUROPEAN WARBLERS (GENUS /SYLVIA/).] J. Ornithol. 119 (2): 236-237. Apr. 1978. In German. WR 170
[Biol.-Zool., Postfach 1929, Lahnberge, D-3550 Marburg/L., West Germany]

78-005028 Berg-Schlosser, Gerhard SCHNEEPADDELN, EINE VERHALTENSWEISE DES BERGFINKEN (/FRINGILLA MONTIFRINGILLA/) BEI WINTERLICHEM NAHRUNGSERWERB. [SNOW PADDLING, A BEHAVIOR PATTERN OF /FRINGILLA MONTIFRINGILLA/ IN WINTER FEEDING.] J. Ornithol. 119 (1): 111-113. Jan. 1978. In German. WR 170
[Obere Seeleite 6, 8031 Worthsee/Steinebach, West Germany]

78-005029 Bezzel, Einhard; Stiel, Karl ZUR BIOLOGIE DES BRAUNKEHLCHENS /SAXICOLA RUBETRA/ IN DEN BAYERISCHEN ALPEN. [ON THE BIOLOGY OF THE WHINCHAT (/SAXICOLA RUBETRA/) IN THE BAVARIAN ALPS.] Anz. Ornithol. Ges. Bayern 16 (1): 1-9. May 1977. In German with English summ. WR 170
[Inst. Vogelkunde, Gsteigstr. 43, 8100 Garmisch-Partenkirchen, West Germany]

78-005030 Bibby, Colin J. OBSERVATIONS ON THE MOULT OF THE TREE SPARROW. Ringing Migration 1 (3): 148-157. Dec. 1977. WR 170
[88 Church St., Gamlingay, Sandy, Bedfordshire SG19 3JJ, England] /Passer montanus/.

78-005031 Bijlsma, Rob VOORKOMEN EN OECOLOGIE VAN /ANTHUS SPINOLETTA SPINOLETTA/ EN /A. S. LITTORALIS/ IN DE UITERWAARDEN VAN DE RIJN BIJ WAGENINGEN. [THE OCCURRENCE AND ECOLOGY OF /ANTHUS SPINOLETTA SPINOLETTA/ AND /A. S LITTORALIS/ IN THE FORELANDS OF THE RIVER RHINE NEAR WAGENINGEN.] Limosa 50 (3-4): 127-136. 1977. In Dutch with English summ. WR 170
[Hindelaan 5, 6140 Wageningen-Hoog, Netherlands]

78-005032 Bjelland, Alfred D.; Menaul, Sharon THE STATUS OF THE FAMILIES VIREONIDAE AND PARULIDAE IN LUBBOCK AND CROSBY COUNTIES IN TEXAS. Bull. Tex. Ornithol. Soc. 9: 4-5. Dec. 1976. WR 170
[Carnegie Mus. Nat. Hist., 4400 Forbes Ave., Pittsburgh, Pa. 15213]

78-005033 Bjorklund, Stefan MEDELHAVSSTENSKVATTA /OENANTHE HISPANICA/ ANTRAFFAD I SVERIGE. [FIRST RECORD OF BLACK-EARED WHEATEAR /OENANTHE HISPANICA/ IN SWEDEN.] Var Fagelvarld 37 (1): 59-62. 1978. In Swedish with English summ. WR 170
[Bryggerigatan 16C, S-733 00 Sala, Sweden]

78-005034 Blagosklonov, K. N. EXPERIMENTAL ANALYSIS OF THE RHYTHM OF INCUBATION IN THE PIED FLYCATCHER (/FICEDULA HYPOLEUCA/). Sov. J. Ecol. (Engl. Transl. Ekologiya) 8 (4): 340-344. May 1978. Translated from Ekologiya no. 4:66-71. July-Aug. 1977. WR 170
[M. V. Lomonosov Moscow State Univ., Moscow, USSR]

78-005035 Bottomley, Sheila ROBIN-LIKE FEEDING BY STONECHAT. Br. Birds 71 (2): 84. Feb. 1978. WR 170
[Venwyn Cottage, Hellesveor P., St. Ives, Cornwall TR26 3AQ, England] /Saxicola torquata/ in England.

78-005036 Brackenbury, John H. A COMPARISON OF THE ORIGIN AND TEMPORAL ARRANGEMENT OF PULSED SOUNDS IN THE SONGS OF THE GRASSHOPPER AND SEDGE WARBLERS, /LOCUSTELLA NAEVIA/ AND /ACROCEPHALUS SCHOENOBAENUS/. J. Zool. (Lond.) 184 (2): 187-206. Feb. 1978. WR 170
[Dep. Biol., Univ. Salford, Manchester, England]

78-005037 Brinkmann, R. P. BREEDING THE INDIAN WHITE-EYE /ZOSTEROPS PALPEBROSA/. Avic. Mag. 84 (1): 2-4. Jan.-Mar. 1978. WR 170
[Bury St. Edmunds, Suffolk, England]

78-005038 Britton, Peter L.; Britton, Hazel A. THE MALINDI PIPIT /ANTHUS MELINDAE/ IN COASTAL KENYA. Ibis 120 (2): 215-219. Apr. 1978. WR 170
[Shimo-la-Tewa School, P.O. Box 90163, Mombasa, Kenya]

78-005039 Brown, Roderick Neil SINGING BEHAVIOR AND ECOLOGY OF TWO SPECIES OF WRENS. Ph.D. dissertation, McGill Univ. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(10):4679. Apr. 1978. WR 170
/Thryothorus sinaloa/ and /T. felix/.

78-005040 Burtt, Edward H., Jr.; Hailman, Jack P. HEAD-SCRATCHING AMONG NORTH AMERICAN WOOD-WARBLERS (PARULIDAE). Ibis 120 (2): 153-170. Apr. 1978. WR 170
[Ohio Wesleyan Univ., Delaware 43015]

78-005041 Burtt, Edward Howland, Jr. THE COLORATION OF WOOD-WARBLERS (PARULIDAE). Ph.D. dissertation, Univ. Wis. (Madison) 376p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(11):5225. May 1978. WR 170

78-005042 Butot, Rudi FIRST ALBERTA RECORD OF AN EASTERN BLUEBIRD. Blue Jay 36 (1): 41. Mar. 1978. WR 170
[81 Capri Ave., N.W., Calgary, Alberta T2L 0G9, Canada] /Sialia sialis/.

78-005043 Carr, Douglas; Butlin, Sybil M. ROBINS NESTING IN DISUSED BLACKBIRDS' NESTS. Br. Birds 71 (3): 131. Mar. 1978. WR 170
[27 Monks Rd., Virginia Water, Surrey GU25 4RR, England] /Erithacus rubecula/ and /Turdus merula/ in England.

78-005044 Carter, Larry ROCK WREN IN INDIANA: A NEW STATE BIRD. Indiana Audubon Q. 56 (2): 50-51. May 1978. WR 170
[Ridgeville, Ind.] /Salpinctes obsoletus/.

78-005045 Cink, Calvin Lee WINTER ECOLOGY AND BEHAVIOR OF NORTH AMERICAN HOUSE SPARROW POPULATIONS. Ph.D. dissertation, Univ. Kans. 127p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(7):3022. Jan. 1978. WR 170
/Passer domesticus/.

78-005046 Colston, P. R. A NEW BIRD FOR BURMA--PALLAS'S REED BUNTING /EMBERIZA PALLASI/. Bull. Br. Ornithol. Club 98 (1): 21-22. Mar. 1978. WR 170
[British Mus. (Nat. Hist.), Tring, Hertfordshire, England]

78-005047 Condee, Ralph Waterbury NOTES ON WINTERING TUFTED TITMICE. Inl. Bird Banding News 50 (2): 50-56. Mar.-Apr. 1978. WR 170
[Dep. English, Pa. State Univ., University Park 16802] /Parus bicolor/.

78-005048 Cowley, E. HAND-REARING OF SAND MARTINS. Avic. Mag. 83 (4): 185-188. Oct.-Dec. 1977. WR 170
/Riparia riparia/.

78-005049 Craig, Robert B. AN ANALYSIS OF THE PREDATORY BEHAVIOR OF THE LOGGERHEAD SHRIKE. Auk 95 (2): 221-234. Apr. 1978. WR 170
[Environ. Sci. Div., Oak Ridge Natl. Lab., Oak Ridge, Tenn. 37830] /Lanius ludovicianus/ in California.

78-005050 Crawford, Richard K. MIGRATORY HOMING ABILITY AMONG PURPLE MARTINS. Ala. Birdlife 25 (3,4): 12-13. 1977. WR 170
[90 Woodridge, Tuscaloosa, Ala. 35401] /Progne subis subis/ in Alabama.

78-005051 Cudworth, John; Spence, B. R. SPECTACLED WARBLER: NEW TO BRITAIN AND IRELAND. Br. Birds 71 (2): 53-58. Feb. 1978. WR 170
[17A Prospect Rd., Ossett, West Yorkshire WF5 8AE, England] /Sylvia conspicillata/.

78-005052 Davis, P. G. A SISKIN INVASION OF N.W. SUSSEX IN WINTER 1975/6. Ringing Migration 1 (2): 115-116. Dec. 1976. WR 170
[Timber Tops, Marley Common, Haslemere, Surrey, England] /Carduelis spinus/.

78-005053 Dean, W. R. J. LIFE EXPECTANCY OF THE CAPE SPARROW. Ostrich 49 (1): 16-20. Mar. 1978. WR 170
[Transvaal Nat. Conserv. Div., Barberspan Ornithol. Res. Stn., Barberspan, South Africa 2765] /Passer melanurus/.

78-005054 Degen, Gunter; Banz, Konrad; Stock, Hans-Jurgen ZUR NISTPLATZWAHL DES HAUSSPERLINGS, /PASSER DOMESTICUS/ L., IN BULGARIEN. [ON NEST-SITE SELECTION OF /PASSER DOMESTICUS/ IN BULGARIA.] Beitr. Vogelkd. 23 (6): 364-365. 1977. In German. WR 170

78-005055 Dharmakumarsinhji, R. S. BLACKTHROATED WEAVER BIRD [/PLOCEUS BENGHALENSIS/ (LINNAEUS)] BREEDING NEAR BHAVNAGAR (SAURASHTRA). J. Bombay Nat. Hist. Soc. 74 (2): 357. Aug. 1977. WR 170
[Dil Bahar, Bhavnagar 2, India]

78-005056 DiGioia, Harriett G. MODIFIED FEEDING BEHAVIOR IN BROWN CREEPERS. Oriole 42 (4): 82-83. Dec. 1977. WR 170
[1309 Lakemont Dr., Dalton, Ga. 30720] /Certhia familiaris/ in Georgia.

78-005057 Dixon, Clara L. BREEDING BIOLOGY OF THE SAVANNAH SPARROW ON KENT ISLAND. Auk 95 (2): 235-246. Apr. 1978. WR 170
[Dep. Biol., Albion Coll., Albion, Mich. 49224] /Passerculus sandwichensis/ in Canada.

78-005058 Dorka, Volker BEOBACHTUNGSNOTIZEN ZUM NESTBAU- UND LAUTVERHALTEN EINES PYRENAEEN-MAUERLAEUFERS. [OBSERVATIONS OF THE NEST-BUILDING AND SONG-BEHAVIOUR OF A WALLCREEPER /TICHODROMA MURARIA/ IN THE PYRENEES.] Anz. Ornithol. Ges. Bayern 15 (2/3): 202-215. Dec. 1976. In German with English summ. WR 170
[Inst. Biol. III, Auf der Morgenstelle 28, 7400 Tubingen 1, West Germany]

78-005059 Douhan, Bill TALLBITENS /PINICOLA ENUCLEATOR/ UPPTRADANDE I SVERIGE HOSTEN OCH VINTERN 1974-75. [THE OCCURRENCE OF THE PINE GROSBEAK IN SWEDEN IN AUTUMN AND WINTER 1974-75.] Var Fagelvarld 37 (1): 33-36. 1978. In Swedish with English summ. WR 170
[Grindvagen 34C, S-761 00 Norrtalje, Sweden]

78-005060 Dziadosz, Victoria Mary THE VOCALIZATIONS OF THE AMERICAN ROBIN. Ph.D. dissertation, Ohio State Univ. 151p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):2072. Nov. 1977. WR 170
/Turdus migratorius/.

78-005061 Easterla, David A. MIXED FLOCKS OF COMMON AND HOARY REDPOLLS IN NORTHERN INDIANA. Indiana Audubon Q. 56 (2): 51-53. May 1978. WR 170
[Dep. Biol., Northwest Mo. State Univ., Maryville 64468] /Acanthis flammea/ and /A. hornemanni/.

78-005062 Elkins, N.; Etheridge, B. FURTHER STUDIES OF WINTERING CRAG MARTINS. Ringing Migration 1 (3): 158-165. Dec. 1977. WR 170
[10 Oakbank Place, Elgin, Morayshire IV30 2LZ, Scotland] /Hirundo rupestris/ in Gibraltar.

78-005063 Erard, C.; Roche, J. UN NOUVEAU /LAGONOSTICTA/ DU TCHAD MERIDIONAL. [A NEW /LAGONOSTICTA/ OF SOUTHERN CHAD.] Oiseau Rev. Fr. Ornithol. 47 (4): 335-343. 1977. In French with English summ. WR 170
[Lab. Zool., Mus. Natl. Hist. Nat., 55 rue de Buffon, 75005 Paris, France] /Lagonosticta rhodapareia bruneli/.

78-005064 Etchecopar, R.-D.; Hue, Fr. LES ARTAMIDES. [THE ARTAMIDAE.] Oiseau Rev. Fr. Ornithol. 47 (4): 380-410. 1977. In French. WR 170
[Mus. Natl. Nat. Hist., 55 rue de Buffon, 75005 Paris France] /Artamus/ spp. in Australasia.

78-005065 Evans, Edward W. NESTING RESPONSES OF FIELD SPARROWS (/SPIZELLA PUSILLA/) TO PLANT SUCCESSION ON A MICHIGAN OLD FIELD. Condor 80 (1): 34-40. 1978. WR 170
[Dep. Entomol., Cornell Univ., Ithaca, N.Y. 14853]

78-005066 Fayad, Vincent C.; Fayad, Christine C. A GRASSHOPPER-WARBLER FROM NGURUMAN ESCARPMENT, KENYA. East Afr. Nat. Hist. Soc. Bull. p. 104-105. Sept./Oct. 1977. WR 170
[P.O. Box 14790, Nairobi, Kenya] /Locustella naevia naevia/--first record for East Africa.

78-005067 Fennell, John F. M.; Stone, David A. A WINTER ROOSTING POPULATION OF REED BUNTINGS IN CENTRAL ENGLAND. Ringing Migration 1 (2): 108-114. Dec. 1976. WR 170
[40 Mullard Dr., Whitnash, Leamington Spa, Warwickshire, England] /Emberiza schoeniclus/.

78-005068 Flegg, J. J. M.; Cox, C. J. MORPHOMETRIC STUDIES OF A POPULATION OF BLUE AND GREAT TITS. Ringing Migration 1 (3): 135-140. Dec. 1977. WR 170
[East Malling Res. Stn., Maidstone, Kent ME19 6BJ, England] /Parus caeruleus/ and /P. major/.

78-005069 Fletcher, Lauriel E.; Smith, Douglas G. SOME PARAMETERS OF SONG IMPORTANT IN CONSPECIFIC RECOGNITION BY GRAY CATBIRDS. Auk 95 (2): 338-347. Apr. 1978. WR 170
[School Veterinary Med., Ohio State Univ., Columbus 43210] /Dumetella carolinensis/.

78-005070 Flumm, D. S.; Lord, N. A. G. IDENTIFICATION OF A PADDYFIELD WARBLER. Br. Birds 71 (3): 95-101. Mar. 1978. WR 170
[80 Waldegrave Rd., Brighton, East Sussex, England] /Acrocephalus agricola/.

78-005071 Foote, R. J. BLACKBIRD EATING SLOW-WORM'S TAIL. Br. Birds 71 (3): 131. Mar. 1978. WR 170
[13 Lyncroft, Albrighton, Wolverhampton, West Midlane, England] /Turdus merula/ and /Angius fragilis/.

78-005072 Freer, Valerie Misner COLONY STRUCTURE AND FUNCTION IN THE BANK SWALLOW, /RIPARIA RIPARIA/, L. Ph.D. dissertation, State Univ. N.Y. (Binghamton) 165p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(3):1031. Sept. 1977. WR 170

78-005073 Friedrich, Wolfgang GELBBRAUENLAUBSAENGER /PHYLLOSCOPUS INORNATUS/ UEBERWINTERTE AM BODENSEE. [A YELLOW-BROWED WARBLER (/PHYLLOSCOPUS INORNATUS/) OVERWINTERS AT THE LAKE OF CONSTANCE.] Anz. Ornithol. Ges. Bayern 16 (1): 68-71. May 1977. In German with English summ. WR 170
[Rossittenstr. 11, 7760 Radolfzell-16, West Germany]

78-005074 Frost, P. G. H.; Frost, S. K. PARADISE FLYCATCHER IN A FEEDING ASSOCIATION WITH MAN. Ostrich 49 (1): 46. Mar. 1978. WR 170
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Capetown, Rondebosch 7700, South Africa] /Tersiphone viridis/.

78-005075 Galbraith, Hector THE POST-NUPTIAL MOULT OF A MIGRATORY POPULATION OF PIED WAGTAILS. Ringing Migration 1 (3): 184-186. Dec. 1977. WR 170
[Dep. Nat. Hist., Glasgow Mus., Glasgow, Scotland] /Motacilla alba yarrellii/.

78-005076 Gatter, Wulf; Muller, Wolfgang WINTERBESTANDSZAEHLUNGEN AN GEBIRGSSTELZEN /MOTACILLA CINEREA/. [WINTER POPULATION COUNTS OF GREY WAGTAIL (/MOTACILLA CINEREA/).] Anz. Ornithol. Ges. Bayern 16 (1): 58-67. May 1977. In German with English summ. WR 170
[Forsthaus, 7318 Lenningen-Schopfloch, West Germany]

78-005077 Gibbs, Eulalie E. AN EASTERN BLUEBIRD TRAIL. Oriole 42 (4): 79-80. Dec. 1977. WR 170
[816 Hammond Dr., North Augusta, S.C. 29841] /Sialia sialis/ in South Carolina.

78-005078 Gibson, Daniel D.; Hall, George E. /EMBERIZA VARIABILIS/ AND /PICEDULA PARVA/ NEW TO NORTH AMERICA AND THE ALEUTIAN ISLANDS, ALASKA. Auk 95 (2): 428-429. Apr. 1978. WR 170
[Univ. Mus., Univ. Alaska, Fairbanks 99701]

78-005079 Gibson, L. LUNG MITES AND GOULDIAN FINCHES. Avic. Mag. 84 (1): 56-57. Jan.-Mar. 1978. WR 170
[Burnaby, British Columbia, Canada] /Chloebia gouldiae/.

78-005080 Gibson, L. THE RED-BILLED LEIOTHRIX: A FOUR-YEAR STUDY. Avic. Mag. 84 (1): 4-17. Jan.-Mar. 1978. WR 170
[Burnaby, British Columbia, Canada] /Leiothrix lutea/.

78-005081 Gilbert, D. C. REACTIONS OF GOLDFINCHES AND LINNETS TO NEWLY HATCHED FROGS. Br. Birds 71 (4): 187. Apr. 1978. WR 170
[64 Tivoli Park Ave., Margate, Kent, England] /Carduelis carduelis/ and /C. cannabina/ in England.

78-005082 Gill, Frank B.; Wolf, Larry L. NONRANDOM FORAGING BY SUNBIRDS IN A PATCHY ENVIRONMENT. Ecology 58 (6): 1284-1296. 1977. WR 170
[Acad. Nat. Sci. Philadelphia, Philadelphia, Pa. 19103] /Nectarinia/ spp.

78-005083 Gottfried, Bradley M.; Gottfried, Adele H. PRELIMINARY STUDIES OF THE VOCAL RESPONSES OF TERRITORIAL CARDINALS (/CARDINALIS CARDINALIS/) TO SONGS OF A STRANGE MALE. Ohio J. Sci. 78 (2): 85-87. Mar. 1978. WR 170
[Dep. Biol., Mount Mercy Coll., Cedar Rapids, Iowa 52402]

78-005084 Grant, P. J. HEAD PATTERN OF ICTERINE AND MELODIOUS WARBLERS. Br. Birds 71 (3): 132. Mar. 1978. WR 170
[14 Heathfield Rd., Ashford, Kent TN24 8QD, England] /Hippolais icterina/ and /H. polyglotta/.

78-005085 Green, Dennis ROBINS FEEDING YOUNG AT NIGHT. Br. Birds 71 (2): 83-84. Feb. 1978. WR 170
[199 Deysbrook Lane, Liverpool L12 4YE, England] /Erithacus rubecula/ in England.

78-005086 Greenlaw, Jon S. THE RELATION OF BREEDING SCHEDULE AND CLUTCH SIZE TO FOOD SUPPLY IN THE RUFOUS-SIDED TOWHEE. Condor 80 (1): 24-33. 1978. WR 170
[Dep. Biol., C. W. Post Cent., Long Island Univ., Greenvale, N.Y. 11548] /Pipilo erythrophthalmus/ in New Jersey.

78-005087 Greenwood, Paul J.; Harvey, Paul H. DIFFERENTIAL MORTALITY AND DISPERSAL OF MALE BLACKBIRDS. Ringing Migration 1 (2): 75-77. Dec. 1976. WR 170
[School Biol. Sci., Univ. Sussex, Brighton Sussex BN1 9QG, England] /Turdus merula/.

78-005088 Gregori, Janez VOM BRUETEN DER WACHOLDERDROSSEL, /TURDUS PILARIS/ L., IN SLOWENIEN, JUGOSLAWIEN. [ON THE BREEDING OF /TURDUS PILARIS/ IN SLOVENIA, YUGOSLAVIA.] Larus 29-30: 83-88. 1977. In German with Serbo-Croatian summ. WR 170
[Prirodoslovni Muzej Slovenije, Presernova 20, 61000 Ljubljana, Yugoslavia]

78-005089 Gregory, Murray R. ACCIDENTAL DISPERSAL OF THE WELCOME SWALLOW THROUGH "HITCH-HIKING" ON SHIPS. Notornis 25 (1): 91-94. Mar. 1978. WR 170
[Dep. Geol., Univ. Auckland, Auckland, New Zealand] /Hirundo neoxena/.

78-005090 Grossman, Andrew F.; West, George C. METABOLIC RATE AND TEMPERATURE REGULATION OF WINTER ACCLIMATIZED BLACK-CAPPED CHICKADEES /PARUS ATRICAPILLUS/ OF INTERIOR ALASKA. Ornis Scand. 8 (2): 127-138. 1977. WR 170
[3641 Francis Ave. North, No. 3, Seattle, Wash. 98103]

78-005091 Guttinger, Hans Rudolf VERWANDTSCHAFTSBEZIEHUNGEN AND GESANGSAUFBAU BEI STIEGLITZ (/CARDUELIS CARDUELIS/) UND GRUENLINGSVERWANDTEN (/CHLORIS/ SPEC.). [TAXONOMY AND SONG ORGANISATION OF VARIOUS SUBSPECIES OF GOLDFINCHES (/CARDUELIS CARDUELIS/) AND GREENFINCH-SPECIES (/CHLORIS/ SP.).] J. Ornithol. 119 (2): 172-190. Apr. 1978. In German with English summ. WR 170
[Univ. Kaiserslautern, Postfach 3049, D-6750 Kaiserslautern, West Germany]

78-005092 Haas, Volker ZWEITBRUTEN BEI DER WACHOLDERDROSSEL (/TURDUS PILARIS/) ALS MOEGLICHE URSACHE FUER DIE DICHTE BESIEDLUNG DES BODENSEERAUMES. [DOUBLE BROODS IN THE FIELDFARE /TURDUS PILARIS/ AS A POSSIBLE REASON FOR THE POPULATION DENSITY IN THE LAKE CONSTANCE REGION.] J. Ornithol. 119 (2): 237-238. Apr. 1978. In German. WR 170
[Gartenstrasse 2, 7770 Uberlingen, West Germany]

78-005093 Hall, George E.; Cardiff, Eugene A. FIRST NORTH AMERICAN RECORDS OF SIBERIAN HOUSE MARTIN /DELICHON URBICA LAGOPODA/. Auk 95 (2): 429. Apr. 1978. WR 170
[U.S. Fish & Wildl. Serv., Anchorage, Alaska 99504]

78-005094 Ham, Istvan SIVALICA MUHARKA, /CISTICOLA JUNCIDIS/ (RAF.), NOVA GNEZDARICA PANONSKE NIZIJE. [THE FAN-TAILED WARBLER (/CISTICOLA JUNCIDIS/ [RAF.]). A NEW TYPE OF BREEDING BIRD IN THE PANNONIAN PLAIN.] Larus 29-30: 89-91. 1977. In Serbo-Croatian with English summ. WR 170
[Inst. Zool., Studentski trg 16, 11000 Belgrade, Yugoslavia]

78-005095 Hamilton, Suzanne; Johnston, Richard F. EVOLUTION IN THE HOUSE SPARROW--VI. VARIABILITY AND NICHE WIDTH. Auk 95 (2): 313-323. Apr. 1978. WR 170
[Dep. Zool., Univ. Md., College Park 20742] /Passer domesticus/ in North America and Europe.

78-005096 Hardy, Eric WINTER FOODS OF BLACKCAPS IN BRITAIN. Bird Study 25 (1): 60-61. Mar. 1978. WR 170
[47 Woodsorrel Rd., Liverpool L15 6UB, England] /Sylvia atricapilla/.

78-005097 Harris, Bruce K. PINE SISKINS: WIDESPREAD DISTRIBUTION DURING 1973 BREEDING SEASON. S.D. Bird Notes 27 (1): 4,18. Mar. 1975. WR 170
/Spinus pinus/ in South Dakota.

78-005098 Hay, Douglas Bruce SEASONAL FLUCTUATIONS IN THE FORAGING AND FLOCKING BEHAVIOR OF NUTHATCHES AND CHICKADEES. M.A. thesis, Calif. State Univ. (Long Beach) 72p. 1977. From Masters Abstracts 16(1), Mar. 1978. WR 170
/Sitta pigmaea/, /S. carolinensis/ and /Parus gambeli/ in California.

78-005099 Hebrard, James J. HABITAT SELECTION IN TWO SPECIES OF /SPIZELLA/: A CONCURRENT LABORATORY AND FIELD STUDY. Auk 95 (2): 404-410. Apr. 1978. WR 170
[Cent. Wetland Resour., La. State Univ., Baton Rouge 70803] /Spizella passerina/ and /S. pusilla/.

78-005100 Heil, Richard S. A SIGHT RECORD OF THE LARK BUNTING AND ITS HISTORICAL OCCURRENCE IN MASSACHUSETTS. Bird Observer East. Mass. 5 (6): 192-194. Nov.-Dec. 1977. WR 170
/Calamospiza melanocorys/.

78-005101 Henry, C. CARACTERISTIQUES DU REGIME ALIMENTAIRE DES JEUNES PHRAGMITES DES JONCS /ACROCEPHALUS SCHOENOBAENUS/. [CHARACTERISTICS OF THE FEEDING HABITS OF NESTLING SEDGE WARBLERS /ACROCEPHALUS SCHOENOBAENUS/.] Alauda 46 (1): 75-85. Feb. 1978. In French with German and English summ. WR 170
[Lab. Zool., Univ. Orleans, 45045 Orleans Cedex, France]

78-005102 Henry, Claude LE NOURRISSAGE DES JEUNES CHEZ LA ROUSSEROLLE EFFARVATTE. LA SELECTION DES PROIES. [FOOD HABITS OF NESTLING REED WARBLERS--SELECTION OF FOOD ITEMS.] Gerfaut 68 (1): 25-52. 1978. In French with Dutch and English summ. WR 170
[Lab. Zool.-Hydrobiol., Univ. Orleans, F-45100 Orleans, France] /Acrocephalus scirpaceus/.

78-005103 Herrera, Carlos M. NICHE-SHIFT IN THE GENUS /PARUS/ IN SOUTHERN SPAIN. Ibis 120 (2): 236-240. Apr. 1978. WR 170
[Estacion Biol. de Donana, Seville-12, Andalucia, Spain]

78-005104 Hogstad, Olav DIFFERENTIATION OF FORAGING NICHE AMONG TITS, /PARUS/ SPP., IN NORWAY DURING WINTER. Ibis 120 (2): 139-146. Apr. 1978. WR 170
[Zool. Inst., Univ. Trondheim, Rosenborg, N-7000 Trondheim, Norway]

78-005105 Holmes, Warren G.; Dirks, Susan J. DAILY SONG PATTERNS IN GOLDEN-CROWNED SPARROWS AT 62 N LATITUDE. Condor 80 (1): 92-94. 1978. WR 170
[Psychol. Dep., Univ. Wash., Seattle 98195] /Zonotrichia atricapilla/ in Alaska.

78-005106 Hutto, Richard Lee THE ECOLOGY OF MIGRATORY WESTERN WOOD WARBLERS AND THE WINTER HABITAT DISTRIBUTION OF SMALL MIGRATORY LAND BIRDS IN WESTERN MEXICO. Ph.D. dissertation, Univ. Calif. (Los Angeles) 138p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3534. Feb. 1978. WR 170

78-005107 Immelmann, Klaus; Kalberlah, Hans-Hermann; Rausch, Peter; Stahnke, Adelheid SEXUELLE PRAEGUNG ALS MOEGLICHER FAKTER INNERARTLICHER ISOLATION BEIM ZEBRAFINKEN. [THE POSSIBLE ROLE OF SEXUAL IMPRINTING IN INTRASPECIFIC SEXUAL ISOLATION IN ZEBRA FINCHES.] J. Ornithol. 119 (2): 197-212. Apr. 1978. In German with English summ. WR 170
[Lehrstuhl Verhaltensphysiol., Postfach 8640, 4800 Bielefeld 1, West Germany]

78-005108 Irwin, Michael P. Stuart THE DISTRIBUTION AND ECOLOGY OF THE STREAKY-HEADED SEEDEATER /SERINUS GULARIS/ AND MENNELL'S SEEDEATER /SERINUS MENNELLI/ IN RHODESIA. Honeyguide no. 92. p. 17-23. Nov. 1977. WR 170
[Natl. Mus., Bulawayo, Rhodesia]

78-005109 Isham, Mabelle TRAVELS OF THE GROSBEAK. Inl. Bird Banding News 50 (2): 61. Mar.-Apr. 1978. WR 170
[21990 15 Mile Rd., Bellevue, Mich. 49021] /Hesperiphona vespertina/.

78-005110 Jackson, Jerome A.; Cooley, C. Dwight SNOW BUNTING--A NEW SPECIES FOR MISSISSIPPI. Am. Birds 32 (2): 268-269. Mar. 1978. WR 170
[Dep. Zool., Miss. State Univ., Mississippi State 39762] /Plectrophenax nivalis/.

78-005111 Jackson, Roger; Jackson, Jean ANALYSIS OF RINGING AND SUBSEQUENT RECOVERIES FROM A YORKSHIRE BLACKBIRD ROOST. Ringing Migration 1 (2): 117-119. Dec. 1976. WR 170
[40 Calmore Gardens, Totten, England] /Turdus merula/ in England.

78-005112 Johns, A. OBSERVATIONS ON TWO SONGS OF THE RUFOUS-SIDED TOWHEE. Blue Jay 36 (1): 46. Mar. 1978. WR 170
[146-1128 McKercher Dr., Saskatoon, Saskatchewan S7H 4Y7, Canada] /Pipilo erythrophthalmus/.

78-005113 Jones, P. J. OVERLAP OF BREEDING AND MOULT IN THE WHITEBROWED SPARROWWEAVER IN NORTHWESTERN BOTSWANA. Ostrich 49 (1): 21-24. Mar. 1978. WR 170
[Cent. Overseas Pest Res., College House, Wrights Lane, London W8 5SJ, England] /Plocepasser mahali/.

78-005114 Jong, B. H. J. de; Holthuijzen, A. M. A. CLIFF FLYCATCHER /HIRUNDINEA FERRUGINEA/, A NEW SPECIES FOR THE SURINAM LIST. Ardea 65 (3-4): 203. Mar. 1970. WR 170
[Vakgroep Natuurbeheer, Landbouwhogeschool, Wageningen, Netherlands]

78-005115 Jury, George W. FIRST RECORD OF WHITE-WINGED CROSSBILL (/LOXIA LEUCOPTERA/) FOR TEXAS. Bull. Tex. Ornithol. Soc. 9: 7. Dec. 1976. WR 170
[4808 50th St., Lubbock, Tex. 79414]

78-005116 Kallander, Hans; Nilsson, Sven G.; Svensson, Soren BJORKTRAST /TURDUS PILARIS/, TALLBIT /PINICOLA ENUCLEATOR/ OCH NOTVACKA /SITTA EUROPAEA/ VINTERN 1976/77--RAPPORT FRAN SVENSKA VINTERFAGELRAKNINGEN. [THE FIELDFARE /TURDUS PILARIS/, PINE GROSBEAK /PINICOLA ENUCLEATOR/, AND NUTHATCH /SITTA EUROPAEA/ IN THE WINTER 1976/77--REPORT FROM THE SWEDISH WINTER BIRD CENSUS.] Var Fagelvarld 37 (1): 37-46. 1978. In Swedish with English summ. WR 170
[Ekologihuset, S-223 62 Lund, Sweden]

78-005117 Karlsson, Johnny; Kallander, Hans FLUCTUATIONS AND DENSITY OF SUBURBAN POPULATIONS OF THE BLACKBIRD /TURDUS MERULA/. Ornis Scand. 8 (2): 139-144. 1977. WR 170
[Dep. Anim. Ecol., Ecology Bldg., Helgonavagen 5, S-223 62 Lund, Sweden]

78-005118 Kasparek, Max ZUM VORKOMMEN DES SCHLAGSCHWIRLS /LOCUSTELLA FLUVIATILIS/ AN DER WESTGRENZE SEINES BRUTAREALS. [THE OCCURRENCE OF RIVER WARBLER /LOCUSTELLA FLUVIATILIS/ AT WESTERN LIMIT OF ITS BREEDING RANGE.] Anz. Ornithol. Ges. Bayern 14 (2): 141-165. Aug. 1975. In German with English summ. WR 170
[Bettinaweg 7, 83 Landshut, West Germany]

78-005119 Keast, Allen THE RELATIONSHIPS OF THE FIELDWREN /CALAMANTHUS FULIGINOSUS/ (ACANTHIZINAE). Emu 78 (1): 20-24. Feb. 1978. WR 170
[Dep. Biol., Queen's Univ., Kingston, Ontario K7L 3N6, Canada]

78-005120 Keast, Allen THE STATUS OF THE MOUNTAIN THORNBILL /ACANTHIZA KATHERINA/. Emu 78 (1): 7-10. Feb. 1978. WR 170
[Dep. Biol., Queen's Univ., Kingston, Ontario K7L 3N6, Canada]

78-005121 Keiper, Ronald R.; Klinger, Scott B. WINTER PHILOPATRY IN THE DARK-EYED JUNCO. N. Am. Bird Bander 2 (4): 161-162. Oct.-Dec. 1977. WR 170
[Pa. State Univ., Mont Alto] /Junco hyemalis/.

78-005122 Khayutin, S. N.; Grinchenko, Yu. V.; Dmitrieva, L. P. [THE ROLE OF SPECIES SONG IN THE ORGANIZATION OF NEST BEHAVIOUR OF THE NESTLINGS IN /MUSCICAPA HYPOLEUCA/.] Zool. Zh. 57 (3): 413-420. Mar. 1978. WR 170
[Inst. Normal Physiol., USSR Acad. Med. Sci., Moscow, USSR]

78-005123 King, Ben; Kanwanich, Supradit FIRST WILD SIGHTING OF THE WHITE-EYED RIVER-MARTIN, /PSEUDOCHELIDON SIRINTARAE/. Biol. Conserv. 13 (3): 183-185. Apr. 1978. WR 170
[Am. Mus. Nat. Hist., New York, N.Y. 10024]

78-005124 Koch, Christian FUND EINES SPROSSERS /LUSCINIA LUSCINIA/ IN DAVOS, EIN ERSTNACHWEIS FUER DIE SCHWEIZ. [DISCOVERY OF A THRUSH NIGHTINGALE /LUSCINIA LUSCINIA/ IN DAVOS--FIRST RECORD FOR SWITZERLAND.] Ornithol. Beob. 74 (4-6): 204-205. Dec. 1977. In German. WR 170

78-005125 Koenigstedt, Dietmar; Robel, Detlef; Gottschalk, Werner DIE VERBREITUNG DES STEINSPERLINGS, /PETRONIA PETRONIA/ (L.) IN BULGARIEN. [THE DISTRIBUTION OF /PETRONIA PETRONIA/ IN BULGARIA.] Beitr. Vogelkd. 23 (6): 347-350. 1977. In German. WR 170
[P.-Uhlenhuth-Strasse 8, DDR-22 Greifswald, East Germany]

78-005126 Korka, Volker; Ullrich, Bruno HABEN DIE RASSEN DES RAUBWUERGERS /LANIUS E. EXCUBITOR/ UND /LANIUS EXCUBITOR MERIDIONALIS/ UNTERSCHIEDLICHE PAARBINDUNGSMODI?--MIT EINEN DISKUSSION MOEGLICHER ETHO-OEKOLOGISCHER VERKNUEPFUNGEN. [HAVE THE SHRIKE RACES, /LANIUS EXCUBITOR EXCUBITOR/ AND /LANIUS EXCUBITOR MERIDIONALIS/, DIFFERENT MODI OF PAIR BOND?--WITH DISCUSSION OF POSSIBLE ETHO-ECOLOGICAL CONNECTIONS.] Anz. Ornithol. Ges. Bayern 14 (2): 115-140. Aug. 1975. In German with English summ. WR 170
[Inst. Biol. III, Auf der Morgenstelle 28, 74 Tubingen, West Germany]

78-005127 Labiale, Guy LA VISION DES FORMES INVERSEES ET EN MIROIR CHEZ LE MERLE (/TURDUS MERULA/, L.). [VISION OF INVERTED AND MIRROR SHAPES BY BLACKBIRD (/TURDUS MERULA/, L.).] C. R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat. 286 (9): 701-703. 6 Mar. 1978. In French with English summ. WR 170
[Lab. Ethol. Exp., E.R.A. no. 496, Mittainville, 78120 Rambouillet, France]

78-005128 Langslow, D. R. WEIGHTS OF BLACKCAPS ON MIGRATION. Ringing Migration 1 (2): 78-91. Dec. 1976. WR 170
[32 Campbell Rd., Longniddry, East Lothian EH32 0NP, Scotland] /Sylvia atricapilla/.

78-005129 Lauder, C. S. AGGRESSIVE BEHAVIOUR BY FEMALE BLACKBIRD. Notornis 25 (1): 90-91. Mar. 1978. WR 170
[9 Winnie St., Greymouth, New Zealand] /Turdus merula/.

78-005130 Leveque, Raymond BEOBACHTUNGEN DER ORPHEUSGRASMUECKE IM BUENDNERLAND UND IM TESSIN. [OBSERVATIONS OF THE ORPHEAN WARBLER IN BUNDNERLAND AND IN TESSIN.] Ornithol. Beob. 74 (4-6): 203-204. Dec. 1977. In German. WR 170
[Schweizerische Vogelwarte, 6204 Sempach, Switzerland] /Sylvia hortensis/.

78-005131 Lille, Rolf; Moritz, Volker DAS BRUTVORKOMMEN DER BARTMEISE, /PANURUS BIARMICUS/, IN SCHLESWIG-HOLSTEIN, HAMBURG UND NIEDERSACHSEN. [THE OCCURRENCE OF BREEDING IN /PANURUS BIARMICUS/ IN SCHLESWIG-HOLSTEIN, HAMBURG AND LOWER SAXONY.] Anz. Ornithol. Ges. Bayern 14 (3): 300-303. Dec. 1975. In German. WR 170
[Elisenstrasse 10, 2000 Hamburg 76, West Germany]

78-005132 Lindell, Lars; Walinder, Goran; Bengtsson, Dan; Pettersson, Jan SIBIRISK JARNSPARV /PRUNELLA MONTANELLA/ ANTRAFFAD I SVERIGE. [FIRST RECORD OF THE SIBERIAN ACCENTOR /PRUNELLA MONTANELLA/ IN SWEDEN.] Var. Fagelvarld 37 (1): 69-72. 1978. In Swedish with English summ. WR 170
[Fatabursvagen 5A, S-381 00 Kalmar, Sweden]

78-005133 Lohrl, Hans ANPASSUNGEN IM NAHRUNGSVERHALTEN DER KOHLMEISE (/PARUS MAJOR/) IN STADTGEBIETEN. [ADAPTATIONS IN THE FORAGING BEHAVIOUR OF THE GREAT TIT (/PARUS MAJOR/) IN SUBURBAN AREAS] Ornithol. Mitt. 30 (2): 47-50. Feb. 1978. In German with English summ. WR 170
[Edelweiler, D 7293 Pfalzgrafenweiler 2, West Germany]

78-005134 Lopes, Oscar de Souza; Coimbra, Terezinha L. M.; Sacchetta, Lia de Abreu; Calisher, Charles H. EMERGENCE OF A NEW ARBOVIRUS DISEASE IN BRAZIL. I. ISOLATION AND CHARACTERIZATION OF THE ETIOLOGIC AGENT, ROCIO VIRUS. Am. J. Epidemiol. 107 (5): 444-449. May 1978. WR 170
[Secao de Virus Transmitidos Artropodos Inst. Adolfo Lutz, Av. Dr. Arnoldo 355, Cx. Postal 7027, Sao Paulo, Brazil] /Zonotrichia capensis/ in Brazil.

78-005135 Macdonald, D. BLACKCAPS KILLED BY STRIKING WINDOW PANES. Br. Birds 71 (3): 132-133. Mar. 1978. WR 170
[Elmbank, Dornoch, Sutherland IV25 3SN, England] /Sylvia atricapilla/.

78-005136 Macdonald, J. W. CUTANEOUS SALMONELLOSIS IN A HOUSE SPARROW. Bird Study 25 (1): 59. Mar. 1978. WR 170
[Minist. Agric., Fisheries & Food, Lasswade, Midlothian EH18 1HU, Scotland] /Passer domesticus/.

78-005137 Marzocchi, J.-F. PREMIERE OBSERVATION DU BRUANT DES NEIGES /PLECTROPHENAX NIVALIS/ EN CORSE. [FIRST OBSERVATION OF THE SNOW BUNTING /PLECTROPHENAX NIVALIS/ IN CORSICA.] Alauda 46 (1): 97-98. Feb. 1978. In French. WR 170
[5 rue Neuve, 20200 Bastia, Corsica, France]

78-005138 Mathew, D. N. MOULT IN THE BAYA WEAVER /PLOCEUS PHILIPPINUS/ LINNAEUS. J. Bombay Nat. Hist. Soc. 74 (2): 233-245. Aug. 1977. WR 170
[Dep. Zool., Calicut Univ., Calicut, Kerala, India]

78-005139 McEwan, W. Mary SEEDS FROM A TUI. Notornis 24 (4): 280. Dec. 1977. WR 170
[Malvern Rd., R.D. 4, Rotorua, New Zealand] /Prosthemadera novaeseelandiae novaeseelandiae/.

78-005140 McLaren, Peter Lorimer HABITAT SELECTION AND RESOURCE UTILIZATION IN FOUR SPECIES OF WOOD WARBLERS (AVES: PARULIDAE). Ph.D. dissertation, Univ. Ontario 1975. From Diss. Abstr. Int. B Sci. Eng. 38(9):4110. Mar. 1978. WR 170

78-005141 Mead, C. J. THE WING-FORMULAE OF SOME LIVE WARBLERS FROM PORTUGAL. Ringing Migration 1 (3): 178-183. Dec. 1977. WR 170
[British Trust Ornithol., Beech Grove, Tring, Hertfordshire HP23 5NR, England] /Sylvia cantillans/, /S. melanocephala/, /S. undata/ and /Cettia cetti/.

78-005142 Mebs, Theodor ZUM VORKOMMEN DES MAUERLAEUFERS /TICHODROMA MURARIA/ IM NOERDLICHEN FRANKENJURA, SPEZIELL IN DER FRAENKISCHEN SCHWEIZ. [OBSERVATIONS OF THE WALL CREEPER /TICHODROMA MURARIA/ IN THE NORTHERN FRANCONIAN JURA.] Anz. Ornithol. Ges. Bayern 14 (3): 304-307. Dec. 1975. In German with English summ. WR 170
[Agidiusstrasse 94, 43 Essen-Bredeney, West Germany]

78-005143 Menon, G. K.; Jani, M. B.; Shah, R. V. FEATHER PAPILLAE IN THE INCUBATION PATCHES OF HOUSE SPARROWS. Condor 80 (1): 101. 1978. WR 170
[Dep. Zool., M. S. Univ. Baroda, Baroda 390002, India] /Passer domesticus/.

78-005144 Merritt, Peter Gorham GAP FORMATION: A REPRODUCTIVE ISOLATING MECHANISM FOR /PARUS ATRICAPILLUS/ AND /P. CAROLINENSIS/ IN NORTHERN INDIANA. M.A. thesis, Western Mich. Univ. 87p. 1977. From Masters Abstracts 16(1), Mar. 1978. WR 170

78-005145 Mertens, J. A. L. THE ENERGY REQUIREMENTS FOR INCUBATION IN GREAT TITS, /PARUS MAJOR/ L. Ardea 65 (3-4): 184-196. Mar. 1978. In English with Dutch summ. WR 170
[Inst. Ecol. Res., Kemperbergerweg 67, Arnhem, Netherlands]

78-005146 Miller, Larry J.; Weise, Charles M. EFFECTS OF ALTERED PHOTOPERIOD ON MIGRATORY ORIENTATION IN WHITE-THROATED SPARROWS (/ZONOTRICHIA ALBICOLLIS/). Condor 80 (1): 94-96. 1978. WR 170
[Dep. Zool. & Physiol., La. State Univ., Baton Rouge 70803]

78-005147 Mitsch, Hansjoachim DIE PAPAGEIENTANGARE (/CHLORORNIS RIEFFERII/), EIN WENIG BEKANNTER ANDENBEWOHNER. [THE GRASS-GREEN TANAGER /CHLORORNIS RIEFFERII/--A LITTLE-KNOWN INHABITANT OF THE ANDES.] Ornithol. Mitt. 30 (3): 60-63. Mar. 1978. In German. WR 170
[Gollanczstrasse 35, D 1000 Berlin 28, West Germany]

78-005148 Mitts, Robert; McWhirter, Douglas THREE-YEAR SUMMARY OF THE CAPITOL COUNT AREA PHOEBE CENSUS. Jack-Pine Warbler 56 (1): 49-50. Mar. 1978. WR 170
[State Game Farm, Mich. Dep. Nat. Resour., 1219 Hawley Rd., Mason 48854] /Sayornis phoebe/.

78-005149 Moore, Frank R. INTERSPECIFIC AGGRESSION: TOWARD WHOM SHOULD A MOCKINGBIRD BE AGGRESSIVE? Behav. Ecol. Sociobiol. 3 (2): 173-176. 3 Apr. 1978. WR 170
[Dep. Zool., Clemson Univ., Clemson, S.C. 29631] /Mimus polyglottos/ in South Carolina.

78-005150 Morgan, Fred D. NESTING STUDIES OF THE INDIGO BUNTING (/PASSERINA CYANEA/) AT THORNHILL, INDIANA. Proc. Indiana Acad. Sci. 86: 461-465. 1977. WR 170
[Dep. Biol., Huntington Coll., Huntington, Ind. 46750]

78-005151 Morrison, W. M.; Ramsay, Andrew D. K. OLIVACEOUS WARBLER ON THE ISLE OF MAY. Scott. Birds 10 (1): 24-25. 1978. WR 170
/Hippolais pallida/.

78-005152 Muff, Josef TREFFEN IM FRUEHLING ZUERST DEI MAENNCHEN DER RAUCHSCHWALBE EIN? [DO THE MALE SWALLOWS ARRIVE FIRST IN SPRING?] Ornithol. Beob. 74 (4-6): 205. Dec. 1977. In German. WR 170
/Hirundo rustica/.

78-005153 Naether, Carl SIDELIGHTS ON THE LIFESTYLE OF THE AMERICAN GOLDFINCH. Avic. Mag. 83 (4): 193-194. Oct.-Dec. 1977. WR 170
[Encino, Calif.] /Spinus tristis/.

78-005154 Nankinov, D. N. [ECOLOGICAL INVESTIGATION OF NESTING /TURDUS PHILOMELOS/.] Larus 29-30: 159-170. 1977. In Russian with Serbo-Croatian summ. WR 170
[Zool. Dep., Leningrad Univ., B-164 Leningrad, USSR]

78-005155 Nankinov, D. N. [ON THE WINTER MIGRATION OF THE LONG-TAILED TIT /AEGITHALOS CAUDATUS/.] Larus 29-30: 153-157. 1977. In Russian with Serbo-Croatian summ. WR 170
[Zoology Dep., Leningrad Univ., B-164 Leningrad, USSR]

78-005156 Nilsson, Sven G. ESTIMATES OF POPULATION DENSITY AND CHANGES FOR TITMICE, NUTHATCH, AND TREECREEPER IN SOUTHERN SWEDEN--AN EVALUATION OF THE TERRITORY MAPPING METHOD. Ornis Scand. 8 (1): 9-16. 1977. WR 170
[Dep. Anim. Ecol., Ecol. Bldg., Helgonav. 5, S-223 62 Lund, Sweden] /Parus/ spp., /Aegithalos caudatus/, /Sitta europaea/ and /Certhia familiaris/.

78-005157 Noon, Barry Richard THE ECOLOGY OF AN AVIAN GROUND-FORAGING GUILD IN EASTERN MONTANE FORESTS. Ph.D. dissertation, State Univ. N.Y. (albany) 189p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(11):5170. May 1978. WR 170
/Hylocichla mustelina/, /Catharus fuscescens/, /C. guttatus/, /C. ustulatus/ and /C. minimus/.

78-005158 Ogawa, Iwao [PELLET ANALYSIS OF THE BULL-HEADED SHRIKE /LANIUS BUCEPHALUS/ AND THE SEASONAL CHANGE OF FOOD HABITS.] Tori 26 (2/3): 63-75. Nov. 1977. In Japanese with English summ. WR 170
[Inst. Appl. Zool., Hokkaido Univ., Sapporo 060, Japan]

78-005159 Olyphant, Jane C. BIRD IDENTIFICATION INCLUDING NOTES ON THE LIFE HISTORY AND PLUMAGE. Inl. Bird Banding News 50 (1): 23-28. Jan.-Feb. 1978. WR 170
[8609 Hidden Bay Trail, North, Lake Elmo, Minn. 55042] Includes an analysis of banding information of /Parus atricapillus/ in the U. S. during 1950-1973.

78-005160 Olyphant, Jane C. BIRD IDENTIFICATION INCLUDING NOTES ON THE LIFE HISTORY AND PLUMAGE. Inl. Bird Banding News 50 (2): 63-71. Mar.-Apr. 1978. WR 170
[8609 Hidden Bay Trail, North, Lake Elmo, Minn. 55042] /Sitta carolinensis/.

78-005161 Orenstein, Ronald Isaac MORPHOLOGICAL ADAPTATIONS FOR BARK FORAGING IN THE AUSTRALIAN TREECREEPERS (AVES; CLIMACTERIDAE). Ph.D. dissertation, Univ. Mich. 261p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4111. Mar. 1978. WR 170

78-005162 Orians, Gordon H. ON THE STATUS OF /XOLMIS DOMINICANA/. Auk 95 (2): 411. Apr. 1978. WR 170
[Dep. Zool., Univ. Wash., Seattle 98195]

78-005163 Ortego, Brent BARN SWALLOWS BREEDING IN SOUTHEAST ALABAMA. Ala. Birdlife 25 (3,4): 13-14. 1977. WR 170
[Dep. Zool.-Entomol., Auburn Univ., Auburn, Ala. 36830] /Hirundo rustica/.

78-005164 Otnes, Gary SALMONELLA EPIDEMIC IN HOUSE SPARROWS AT FERGUS FALLS, OTTER TAIL COUNTY. Loon 50 (1): 53. 1978. WR 170
[Rt. 1, Box 181, Fergus Falls, Minn. 56537]

78-005165 Page, Douglas PIED FLYCATCHER HAMMERING SNAIL ON ROAD. Br. Birds 71 (3): 133. Mar. 1978. WR 170
[3 Colvin Close, Arksey, Doncaster, South Yorkshire, England] /Ficedula hypoleuca/.

78-005166 Pancake, John FIRST BREEDING RECORD OF BREWSTER'S WARBLER IN VIRGINIA. Raven 47 (4): 69-70. Dec. 1976. WR 170
[Rt. 1, Box 334, Vinton, Va. 24179] /Vermivora leucobronchialis/.

78-005167 Panov, E. N.; Kostina, G. N.; Galichenko, M. V. [ORGANIZATION OF THE SONG IN /LUSCINIA MEGARHYNCHOS/.] Zool. Zh. 57 (4): 569-581. Apr. 1978. In Russian with English summ. WR 170

78-005168 Partin, Howard BREEDING BIOLOGY AND BEHAVIOR OF THE BROWN THRASHER, (/TOXOSTOMA RUFUM/). Ph.D. dissertation, Ohio State Univ. 139p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):2075. Nov. 1977. WR 170

78-005169 Patterson, Thomas L.; Petrinovich, Lewis TERRITORY SIZE IN THE WHITE-CROWNED SPARROW (/ZONOTRICHIA LEUCOPHRYS/): MEASUREMENT AND STABILITY. Condor 80 (1): 97-98. 1978. WR 170
[Dep. Psychol., Univ. Calif., Riverside 95202]

78-005170 Payne, R. B. LOCAL DIALECTS IN THE WINGFLAPS OF FLAPPET LARKS /MIRAFRA RUFOCINNAMOMEA/. Ibis 120 (2): 204-207. Apr. 1978. WR 170
[Mus. Zool., Univ. Mich., Ann Arbor 48109]

78-005171 Pelle, Istvan SENICA BRKATA, /PANURUS BIARMICUS/ (PONOVO) GNEZDARICA VOJVODINE. [THE BEARDED TIT /PANURUS BIARMICUS/--A BREEDING BIRD OF VOIVODINA.] Larus 29-30: 199-207. 1977. In Serbo-Croatian with German summ. WR 170
[Ecanski Drum 28, 23000 Zrenjanin, Yugoslavia]

78-005172 Penhallurick, R. D. CHIFFCHAFFS WINTERING AT SEWAGE-WORKS IN WEST CORNWALL. Br. Birds 71 (4): 183-186. Apr. 1978. WR 170
[County Mus. & Art Gallery, River St., Truro, Cornwall, England] /Phylloscopus collybita/.

78-005173 Penny, Cheryl; Knapton, Richard W. RECORD OF AN AMERICAN ROBIN KILLING A SHREW. Can. Field-Nat. 91 (4): 393. Oct.-Dec. 1977. WR 170
[Dep. Zool., Univ. Manitoba, Winnipeg, Manitoba R3T 2N2, Canada] /Turdus migratorius/.

78-005174 Persson, Christer THE EARLY STAGES OF THE POSTNUPTIAL MOULT IN THE WHITE WAGTAIL /MOTACILLA ALBA/. Ornis Scand. 8 (1): 97-99. 1977. WR 170
[Ljungsatersvagen 43, S-230 12 Hollviksnas, Sweden]

78-005175 Petrinovich, Lewis; Patterson, Thomas L. POLYGYNY IN THE WHITE-CROWNED SPARROW (/ZONOTRICHIA LEUCOPHRYS/). Condor 80 (1): 99-100. 1978. WR 170
[Dep. Psychol., Univ. Calif., Riverside 92502]

78-005176 Pharo, Lawrence R. AN INTERESTING WINTER WITH EVENING GROSBEAKS. N. Am. Bird Bander 3 (1): 5. Jan.-Mar. 1978. WR 170
[Lakewood Ave., Whiting, N.J. 08759] /Hesperiphona vespertina/.

78-005177 Pinkowski, Benedict C. FEEDING OF NESTLING AND FLEDGLING EASTERN BLUEBIRDS. Wilson Bull. 90 (1): 84-98. Mar. 1978. WR 170
[245 County Line Rd., Bridgeville, Pa.] /Sialia sialis/ in Michigan.

78-005178 Pitts, T. David EASTERN BLUEBIRD MORTALITY AT WINTER ROOSTS IN TENNESSEE. Bird-Banding 49 (1): 77-78. 1978. WR 170
[Dep. Biol., Univ. Tenn., Martin 38238] /Sialia sialis/.

78-005179 Pitts, T. David EFFECTS OF THE WINTER OF 1976-1977 ON THE POPULATION SIZE AND REPRODUCTIVE ACTIVITIES OF EASTERN BLUEBIRDS IN NORTHWEST TENNESSEE DURING 1977. J. Tenn. Acad. Sci. 53 (2): 72. Apr. 1978. Abstract only. WR 170
[Univ. Tenn., Martin] /Sialia sialis/.

78-005180 Prinzinger, Roland; Hund, Karl UNTERSUCHUNGEN UEBER KOERPERTEMPERATUR UND STOFFWECHSEL BEIM FICHTENKREUZSCHNABEL /LOXIA C. CURVIROSTRA/. [INVESTIGATIONS OF THE BODY TEMPERATURE AND METABOLISM OF THE RED CROSSBILL (/LOXIA C. CURVIROSTRA/).] Anz. Ornithol. Ges. Bayern 14 (1): 70-78. Apr. 1975. In German with English summ. WR 170
[Inst. Biol. III, Auf der Morgenstelle 28, 74 Tubingen, West Germany]

78-005181 Pulliam, H. Ronald; Mills, G. Scott THE USE OF SPACE BY WINTERING SPARROWS. Ecology 58 (6): 1393-1399. 1977. WR 170
[Dep. Ecol. & Evolutionary Biol., Univ. Ariz., Tucson 85721] /Spizella passerina/, /Pipilo fuscus/, /Zonotrichia leucophrys/, /Aimophila ruficeps/, /Pooecetes gramineus/, /Ammodramus sandwichensis/, /A. savannarum/ and /Calcarius ornatus/ in Arizona.

78-005182 Rabol, Jorgen GOLDCRESTS KILLED BY EDIBLE FROGS. Br. Birds 71 (2): 85. Feb. 1978. WR 170
[Univ. Zool. Lab., Universitetsparken 15, DK-2100 Copenhagen, Denmark] /Regulus regulus/ and /Rana Esculenta/.

78-005183 Radford, A. P. BLUE TITS AND ROBIN EATING SNOWBERRIES. Br. Birds 71 (3): 133. Mar. 1978. WR 170
[2 Wyck Beck Rd., Brentry, Bristol BS10 7JE, England] /Parus caeruleus/ and /Erithacus rubecula/.

78-005184 Radu, Dimitrie DIE NEUEICHE VERBREITUNG DES WEIDENSPERLINGS, /PASSER H. HISPANIOLENSIS/ (TEMM.) IN RUMAENIEN. [THE REVISED DISTRIBUTION OF THE SPANISH SPARROW /PASSER H. HISPANIOLENSIS/ IN ROMANIA.] Larus 29-30: 209-210. 1977. In German with Serbo-Croatian summ. WR 170

78-005185 Remeeus, A. WAARNEMING VAN EEN LEUCISTISCHE GRAUWE KLAUWIER /LANIUS COLLURIO/ BIJ WASSENAAR. [RECORD OF A LEUCISTIC RED-BACKED SHRIKE /LANIUS COLLURIO/ NEAR WASSENAAR.] Limosa 50 (3-4) : 147-148. 1977. In Dutch with English summ. WR 170
[Stuyvesantstraat 49, De Haag, Netherlands]

78-005186 Riker, Donald Kay NOCTURNAL LOCOMOTOR ACTIVITY OF THE WHITE-THROATED SPARROW (/ZONOTRICHIA ALBICOLLIS/): A LATENT CIRCANNUAL BEHAVIOR RELATED TO CENTRAL CATECHOLAMINE METABOLISM. Ph.D. dissertation, Cornell Univ. 451p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(7):3070. Jan. 1978. WR 170

78-005187 Ritzel, Lutz BRUTZEITBEOBACHTUNG DER ALPENRINGDROSSEL (/TURDUS TORQUATUS ALPESTRIS/) IN OBERHARZ. [BREEDING SEASON OBSERVATIONS OF /TURDUS TORQUATUS ALPESTRIS/ IN THE HARZ MOUNTAINS.] Ornithol. Mitt. 30 (3): 63-64. Mar. 1978. In German. WR 170
[Adam-Stegerwaldstrasse 32, D 2800 Bremen 44, West Germany]

78-005188 Rowley, Ian APOSTLEBIRDS GATHERING MATERIAL FOR THEIR MUD-NEST. Aust. Bird Watcher 7 (5): 166-168. Mar. 1978. WR 170
[53 Swan St., Guildford, Western Australia 6055, Australia] /Struthidea cinereus/.

78-005189 Rowley, Ian COMMUNAL ACTIVITIES AMONG WHITE-WINGED CHOUGHS /CORCORAX MELANORHAMPHUS/. Ibis 120 (2): 178-197. Apr. 1978. WR 170
[Div. Wildl. Res., CSIRO, Helena Valley, Western Australia 6056, Australia]

78-005190 Russell, Stephen M.; Lamm, Donald W. SPECIES OF FORMICARIIDAE NEW TO COLOMBIA. Auk 95 (2): 421. Apr. 1978. WR 170
[6722 East Nasumpta Dr., Tucson, Ariz. 85715]

78-005191 Rutledge, Thomas A.; Schmidt, Gerald D.; Tikasingh, Elisha S. /EPISTHMIUM EVERARDI/ SP. N. (TREMATODA: ECHINOSTOMATIDAE) FROM A GREAT KISKADEE, /PITANGUS SULPURATUS/, IN TRINIDAD. J. Helminthol. 51 (4): 313-315. Dec. 1977. WR 170
[Dep. Biol., Univ. Northern Colo., Greeley 80639]

78-005192 Ryan, L. S. DARK-EYED JUNCO WING CHORD LENGTHS. Inl. Bird Banding News 50 (2): 43-49. Mar.-Apr. 1978. WR 170
[307 Riverwood, Little Falls, Minn. 56345] /Junco hyemalis/.

78-005193 Saha, Subhendu Sekhar OCCURRENCE OF FINN'S BAYA (/PLOCEUS MEGARHYNCHUS/ HUME) IN DARRANG DISTRICT, ASSAM. J. Bombay Nat. Hist. Soc. 73 (3): 527-529. Dec. 1976. WR 170
[Zool. Surv. India, Calcutta, India]

78-005194 Salomonsen, Finn THE THICKET FLYCATCHER (/MUSCICAPA HYPERYTHRA/ BLYTH) IN PALAWAN, WITH NOTES ON OTHER PHILIPPINE MOUNTAIN FLYCATCHERS (AVES, MUSCICAPIDAE). Steenstrupia 4 (11): 143-150. 12 Dec. 1977. WR 170
[Zool. Mus., Copenhagen, Denmark] Abstract: Description of /Muscicapa hyperythra rara/, subsp.n. from the island of Palawan, from where this species was not previously recorded, with notes on the seven species of mountain flycatchers in the Philippine Islands, including their nomenclature, distribution and life-habits.

78-005195 Schubert, Werner ZUM BRUTVORKOMMEN UND ZUR BRUTBIOLOGIE DES FICHTENKREUZSCHNABELS /LOXIA CURVIROSTRA/ IM KREIS BOBLINGEN (BADEN-WURTTEMBREG). [BREEDING ACTIVITY AND BREEDING BIOLOGY OF THE CROSSBILL /LOXIA CURVIROSTRA/ IN THE DISTRICT OF BOBLINGEN (BADEN-WURTTEMBERG).] Anz. Ornithol. Ges. Bayern 16 (1): 45-57. May 1977. In German with English summ. WR 170
[Herrenberger Str. 52, 7032 Sindelfingen 6, West Germany]

78-005196 Sharrock, Rex E. THE SOUTHERN SCRUB ROBIN AT WEETHALLE, N.S.W. Aust. Bird Watcher 7 (5): 169. Mar. 1978. WR 170
[Box S-29, South Wagga Wagga, New South Wales 2650, Australia] /Drymodes brunneopygia/.

78-005197 Sheppard, Christine DeWolf BREEDING IN THE TREE SWALLOW, /IRIDOPROCNE BICOLOR/, AND ITS IMPLICAITONS FOR THE EVOLUTION OF COLONIALITY. Ph.D. dissertation, Cornell Univ. 154p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4046. Mar. 1978. WR 170

78-005198 Shreeve, Daniel Frederick COMPARATIVE BEHAVIOR OF ALEUTIAN GREY-CROWNED AND BROWN-CAPPED ROSY FINCHES. Ph.D. dissertation, Cornell Univ. 267p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(7):3006. Jan. 1978. WR 170
/Leucosticte tephrocotis griseonucha/ and /L. australis/.

78-005199 Simpson, Marcus B., Jr. BREEDING SEASON DISTRIBUTION AND ECOLOGY OF THE VESPER SPARROW IN THE SOUTHERN BLUE RIDGE MOUNTAIN PROVINCE. Chat 42 (1): 1-2. 1978. WR 170
[9706 Basket Ring Rd., Columbia, Md. 21045] /Pooecetes gramineus/.

78-005200 Simpson, Marcus B., Jr. BREEDING SEASON RECORDS OF THE MAGNOLIA WARLBER IN GRAYSON COUNTY, VIRGINIA. Raven 47 (3): 56. Sept. 1976. WR 170
[Johns Hopkins Hospital, Baltimore, Md. 21205] /Dendroica magnolia/.

78-005201 Smart, J. H. TWITES WINTERING IN WOODLAND. Br. Birds 71 (2): 86. Feb. 1978. WR 170
[34 Tyelands, Billericay, Essex CM12 9PA, England] /Carduelis flavirostris/ in England.

78-005202 Smith, James N. M. DIVISION OF LABOUR BY SONG SPARROWS FEEDING FLEDGED YOUNG. Can. J. Zool. 56 (2): 187-191. Feb. 1978. In English with French summ. WR 170
[Dep. Zool., Univ. British Columbia, Vancouver, British Columbia, Canada V6T 1W5] /Melospiza melodia/ in Canada.

78-005203 Spano, Silvio CONFERMA DI CUTRETTOLA TESTA GIALLA ORIENTALE (/MOTACILLA CITREOLA/ PALLAS) IN ITALIA. [CONFIRMATION OF THE YELLOW-HEADED WAGTAIL /MOTACILLA CITREOLA/ IN ITALY.] Riv. Ital. Ornitol. 47 (3): 235-238. Sept. 1977. In Italian. WR 170
[Ist. Zool., Univ. Genoa, Genoa, Italy]

78-005204 Stainton, J. M. WREN DUST-BATHING. Br. Birds 71 (3): 130-131. Mar. 1978. WR 170
[Dove Cottage, Church Lane, Ringwould, near Deal, Kent CT14 8HR, England] /Troglodytes troglodytes/.

78-005205 Stokes, Tony NEST AND EGG OF THE BARRED HONEYEATER OF NEW CALEDONIA. Emu 78 (1): 40-41. Feb. 1978. WR 170
[16 Badgery St., Macquarie, ACT 2614, Australia] /Guadalcanaria undulata/.

78-005206 Stromar, Ljubica EKOLOSKA ANALIZA MIGRACIJE BREGUNICE CADAVICE, /RIPARIA RIPARIA/ (L.) U NEKIM KRAJEVIMA JUGOSLAVIJE. [AN ECOLOGICAL ANALYSIS OF THE MIGRATION OF /RIPARIA RIPARIA/ IN SOME REGIONS OF YUGOSLAVIA.] Larus 29-30: 253-293. 1977. In Serbo-Croatian with German summ. WR 170
[Inst. Ornithol., Yugoslav Acad. Sci. & Arts, Ilirski trg 9/II, 41000 Zagreb, Yugoslavia]

78-005207 Suter, Werner BARTMEISEN /PANURUS BIARMICUS/ IM FRUEHJAHR IM TESSIN, MIT BEMERKUNGEN ZUM HOEHENFLUGVERHALTEN. [THE BEARDED TIT /PANURUS BIARMICUS/ IN TESSIN DURING SPRING, WITH REMARKS ON THEIR FLIGHT BEHAVIOR.] Ornithol. Beob. 74 (4-6): 200-202. Dec. 1977. In German. WR 170

78-005208 Szlivka, Laszlo NOVIJI PODICI O POZNAVANJU BIOLOGIJE PREHRANE SVRACKA RUSOG (/LANIUS COLLURIO/ L.). II DEO 1960-1974. [SOME RECENT DATA ON THE BIOLOGY OF FEEDING OF THE RED-BACKED SHRIKE (/LANIUS COLLURIO/ L.).] Larus 29-30: 233-252. 1977. In Serbo-Croatian with English summ. WR 170
[Sv. Markovica 45/A, 24300 Backa Topola, Yugoslavia]

78-005209 Talposh, V. S. [ON THE REPRODUCTION OF THE EUROPEAN ALP SPARROW IN THE USSR.] Biol. Nauki (Mosc.) 1977 (9): 54-59. Sept. 1977. In Russian. WR 170
/Prunella collaris/.

78-005210 Taylor, N. B. SEED PREFERENCES IN CARDINALS AND FIELD SPARROWS. Trans. Kans. Acad. Sci. 79 (3&4): 125-126. 1976. WR 170
[Dep. Biol., Kans. State Univ., Manhattan] /Richmondena cardinalis/ and /Spizella pusilla/.

78-005211 Thielcke, Gerhard; Wustenberg, Klaus; Becker, Peter H. REAKTIONEN VON ZILPZALP UND FITIS (/PHYLLOSCOPUS COLLYBITA/, /PH. TROCHILUS/) AUF VERSCHIEDENE GESANGSFORMEN DES ZILPZALPS. [REACTIONS OF THE CHIFFCHAFF AND WILLOW-WARBLER TO DIFFERENT SONG FORMS OF THE CHIFFCHAFF.] J. Ornithol. 119 (2): 213-226. Apr. 1978. In German with English summ. WR 170
[Am Obstberg, 7760 Radofzell-Moggingen, West Germany]

78-005212 Thomas, D. K. WING MOULT IN THE SAVI'S WARBLER. Ringing Migration 1 (3): 125-130. Dec. 1977. WR 170
[Dep. Pure Math., Univ. Coll., Swansea SA2 8PP, England] /Locustella luscinioides/.

78-005213 Thouy, Pierre PREMIERE CAPTURE AU MAROC DE L'HYPOLAIS ICTERINE /HIPPOLAIS ICTERINA/. [FIRST CAPTURE IN MOROCCO OF THE ICTERINE WARBLER /HIPPOLAIS ICTERINA/.] Alauda 46 (1): 98. Feb. 1978. In French. WR 170
[B.P. 23, Settat, Morocco]

78-005214 Tipton, Samuel R.; Tipton, Isabel H. SOME NOTES ON PAINTED BUNTINGS. N. Am. Bird Bander 3 (1): 26. Jan.-Mar. 1978. WR 170
[113 W. 23rd St. Long Beach, Southport, N.C. 28461] /Passerina ciris/ in North Carolina.

78-005215 Tucker, J. J. A RIVER WARBLER /LOCUSTELLA FLUVIATILIS/ 'WINTERING' AND MOULTING IN ZAMBIA. Bull. Br. Ornithol. Club 98 (1): 2-4. Mar. 1978. WR 170
[1 Sutton Park Grove, Kidderminster, Hereford & Worcs. DY11 6LP, England]

78-005216 Turek, Fred W.; Wolfson, Albert LACK OF AN EFFECT OF MELATONIN TREATMENT VIA SILASTIC CAPSULES ON PHOTIC-INDUCED GONADAL GROWTH AND THE PHOTOREFRACTORY CONDITION IN WHITE-THROATED SPARROWS. Gen. Comp. Endocrinol. 34 (4): 471-474. Apr. 1978. WR 170
[Dep. Biol. Sci., Northwestern Univ. Evanston, Ill. 60201] /Zonotrichia albicollis/.

78-005217 Tvrdik, Genevieve Mae AGGRESSIVE AND COURTSHIP BEHAVIOR IN TWO RACES OF THE BROWN TOWHEE (/PIPILO FUSCUS/). Ph.D. dissertation, Univ. Calif. (Berkeley) 127p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3591. Feb. 1978. WR 170

78-005218 Van Der Straaten, Jan EERSTE RINGVANGST VAN DE NOMINAATVORM VAN EEN PALLAS' BOSZANGER /PHYLLOSCOPUS PROREGULUS/ IN NEDERLAND. [FIRST TRAP OF THE TYPICAL RACE OF A PALLAS' WARBLER /PHYLLOSCOPUS PROREGULUS/ IN THE NETHERLANDS.] Limosa 50 (3-4): 123-126. 1977. In Dutch with English summ. WR 170
[Katholieke Hogeschool, Hogeschoollaan 225, Tilburg, Netherlands]

78-005219 Vencl, Fredric Vincent AN EXPERIMENTAL ANALYSIS OF DUET SINGING IN THE WHITE-CRESTED LAUGHING THRUSH (/GARRULAX LEUCOLOPHUS/). Ph.D. dissertation, State Univ. N.Y. (Stony Brook) 255p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(3):1089. Sept. 1977. WR 170

78-005220 Veselovsky, Zdenek BEOBACHTUNGEN ZU BIOLOGIE UND VERHALTEN DES GROSSEN KRAGENLAUBENVOGELS (/CHLAMYDERA NUCHALIS/). [ON THE BIOLOGY AND BEHAVIOUR OF THE GREAT GREY BOWER BIRD (/CHLAMYDERA NUCHALIS/).] J. Ornithol. 119 (1): 74-90. Jan 1978. In German with English summ. WR 170
[Troja Zool. Garden, 17100 Prague 7, Czechoslovakia]

78-005221 Vielliard, Jacques LE DJEBEL BABOR ET SA SITTELLE, /SITTA LEDANTI/ VIELLIARD 1976. [DJEBEL BABOR AND THE KABYLIAN NUTHATCH /SITTA LEDANTI/.] Alauda 46 (1): 1-42. Feb. 1978. In French with German and English summ. WR 170
[Ecole Normale Superieure, 46 rue d'Ulm, 75230 Paris Cedex 05, France]

78-005222 Voous, K. H. THE SCOTTISH CROSSBILL: /LOXIA SCOTICA/. Br. Birds 71 (1): 3-10. Jan. 1978. WR 170
[V. D. Duyn van Maasdamlaan 28, Huizen-NH, Netherlands]

78-005223 Walsberg, Glenn E.; King, James R. THE HEAT BUDGET OF INCUBATING MOUNTAIN WHITE-CROWNED SPARROWS (/ZONOTRICHIA LEUCOPHRYS ORIANTHA/) IN OREGON. Physiol. Zool. 51 (1): 92-103. Jan. 1978. WR 170
[Dep. Zool., Wash. State Univ., Pullman 99164]

78-005224 Whitt, A. L., Jr. NOTES ON THE STATUS OF THE CAROLINA WREN IN SIX EASTERN KENTUCKY COUNTIES. Ky. Warbler 53 (3): 42. Aug. 1977. WR 170
[Biol. Dep., Eastern Ky. Univ., Richmond 40475] /Thryothorus ludovicianus/.

78-005225 Wilson, Jenny; Wilson, Roger OBSERVATIONS ON THE SEYCHELLES MAGPIE ROBIN /COPSYCHUS SEYCHELLARUM/. Bull. Br. Ornithol. Club 98 (1): 15-21. Mar. 1978. WR 170
[c/o Belle Vue, Aiskew, Bedale, North Yorkshire, England]

78-005226 Winkelman, J. E.; Klarenberg, A. J. VANGST VAN EEN NOORDSE BOSZANGER /PHYLLOSCOPUS BOREALIS/ IN NEDERLAND. [TRAP OF AN ARCTIC WARBLER /PHYLLOSCOPUS BOREALIS/ IN THE NETHERLANDS.] Limosa 50 (3-4): 119-122. 1977. In Dutch with English summ. WR 170
[Zool. Lab., Vrije Univ., De Boelelaan 1087, Amsterdam-Buitenveldert, Netherlands]

78-005227 Wolf, David E. FIRST RECORD OF AN AZTEC THRUSH IN THE UNITED STATES. Am. Birds 32 (2): 156-157. Mar. 1978. WR 170
[801 Martinsville St., Nacogdoches, Tex. 75961] /Ridgwayia pinicola/.

78-005228 Woollard, L. F. HOUSE MARTINS TAKING OVER SWALLOWS' NEST. Br. Birds 71 (1): 39-40. Jan. 1978. WR 170
[14B Lennox Rd., Gravesend, Kent DA11 0EP, England] /Delichon urbica/ and /Hirundo rustica/.

78-005229 Wunderle, Joseph M., Jr. DIFFERENTIAL RESPONSE OF TERRITORIAL YELLOWTHROATS TO THE SONGS OF NEIGHBORS AND NON-NEIGHBORS. Auk 95 (2): 389-395. Apr. 1978. WR 170
[Bell Mus. Nat. Hist., Univ Minn., Minneapolis 55455] /Geothlypis trichas/ in New York.

78-005230 Yunick, Robert P. EYE COLOR CHANGES IN THE DARK-EYED JUNCO AND WHITE-THROATED SPARROW. N. Am. Bird Bander 2 (4): 155-156. Oct.-Dec. 1977. WR 170
[1527 Myron St., Schenectady, N.Y. 12309] /Junco hyemalis/ and /Zonotrichia albicollis/.

78-005231 Zablotzkaya, M. M. [ACOUSTICAL BEHAVIOUR OF THE TWITE /ACANTHIS FLAVIROSTRIS/ (L.) (PASSERES, FRINGILLIDAE) AND TAXONOMIC STATUS OF ITS GEOGRAPHICALLY DISJUNCTED FORMS.] Zool. Zh. 57 (1): 105-114. Jan. 1978. In Russian with English summ. WR 170
[Dep. Vertebr. Zool., State Univ. Moscow, Moscow, USSR]

78-005232 Zusi, R. L. THE INTERORBITAL SEPTUM IN CARDUELINE FINCHES. Bull. Br. Ornithol. Club 98 (1): 5-10. Mar. 1978. WR 170
[Natl. Mus. Nat. Hist., Washington, D.C. 20560]

78-005233 Zusi, R. L. REMARKS ON THE GENERIC ALLOCATION OF /PSEUDOCHELIDON SIRINTARAE/. Bull. Br. Ornithol. Club 98 (1): 13-15. Mar. 1978. WR 170
[Natl. Mus. Nat. Hist., Washington, D.C. 20560]

OTHER BIRDS

78-005234 Beaver, Paul W. ONTOGENY OF VOCALIZATION IN THE GREATER RHEA. Auk 95 (2): 382-388. Apr. 1978. WR 170
[Dep. Psychol., Univ. Wash., Seattle 98195] /Rhea americana/.

78-005235 Bergstrom, John T. ECOLOGY AND BEHAVIOR OF WOODPECKERS IN THE SOUTH PLATTE RIVER FLOODPLAIN. D.A. dissertaion, Univ. Northern Colo. 110p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3532. Feb. 1978. WR 170
/Colaptes auratus/, /Melanerpes erythrocephalus/, /Dendrocopos pubescens/ and /D. villosus/ in Colorado.

78-005236 Bourchier, Murray B. J. A VICTORIAN RECORD OF THE FOREST KINGFISHER. Aust. Bird Watcher 7 (5): 160-161. Mar. 1978. WR 170
[85 Arundel Rd., Park Orchards, Victoria 3114, Australia] /Halcyon macleayii/.

78-005237 Boyd, Roger L. RIVOLI'S HUMMINGBIRD IN LINN COUNTY, KANSAS. Kans. Ornithol. Soc. Bull. 29 (1): 10-11. Mar. 1978. WR 170
[Biol. Dep., Baker Univ., Baldwin City, Kans. 66006] /Eugenes fulgens/--First Kansas record.

78-005238 Bull, Evelyn L. ROOSTING ACTIVITIES OF A MALE PILEATED WOODPECKER. Murrelet 59 (1): 35-36. 1978. WR 170
[Forest Serv., Range & Wildl. Habitat Lab., La Grande, Oreg. 97850] /Dryocopus pileatus/ in Oregon.

78-005239 Conner, Richard Neil SEASONAL CHANGES IN THE FORAGING METHODS AND HABITATS OF SIX SYMPATRIC WOODPECKER SPECIES IN SOUTHWESTERN VIRGINIA. Ph.D. dissertation, Va. Polytech. Inst. & State Univ. 147p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(4): 1535. Oct. 1977. WR 170

78-005240 Cunningham van Someren, G. R. IDENTIFICATION OF THE HOOPOE, /UPUPA EPOPS/. East Afr. Nat. Hist. Soc. Bull. p. 132-133. Nov./Dec. 1977. WR 170
[P.O. Box 40658, Nairobi, Kenya] [Three races present in East Africa.]

78-005241 DeBenedictis, Paul A.; Gill, Frank B.; Hainsworth, F. Reed; Pyke, Graham H.; Wolf, Larry L. OPTIMAL MEAL SIZE IN HUMMINGBIRDS. Am. Nat. 112 (984): 301-316. Mar.-Apr. 1978. WR 170
[Dep. Biol., Syracuse Univ., Syracuse, N.Y. 13210]

78-005242 DesGranges, Jean-Luc INTERACTIONS AMONG RESIDENT AND MIGRANT HUMMINGBIRDS IN MEXICO. Ph.D. dissertation, McGill Univ. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(10):4620. Apr. 1978. WR 170

78-005243 Donnelly, Anne; Donnelly, Pat CARMINE BEE-EATERS ROOSTING UP THE MIDA CREEK. East Afr. Nat. Hist. Soc. Bull. p. 61-62. May/June 1977. WR 170
[P.O. Box 420, Malindi, Kenya] /Merops nubicus/ in Kenya.

78-005244 Dooling, Robert J.; Haskell, Royal J. AUDITORY DURATION DISCRIMINATION IN THE PARAKEET (/MELOPSITTACUS UNDULATUS/). J. Acoust. Soc. Am. 63 (5): 1640-1642. May 1978. WR 170
[Rockefeller Univ. Field Res. Cent., Millbrook, N.Y. 12545]

78-005245 Filewood, L. W. C.; Hough, K.; Morris, I. C.; Peters, D. E. HELPERS AT THE NEST OF THE RAINBOW BEE-EATER. Emu 78 (1): 43-44. Feb. 1978. WR 170
[26 Trelawney St., Eastwood, New South Wales 2122, Australia] /Merops ornatus/ in Australia.

78-005246 Frith, Clifford B.; Frith, Dawn W. BILL GROWTH AND DEVELOPMENT IN THE NORTHERN PIED HORNBILL /ANTHRACOCEROS MALABARICUS/. Avic. Mag. 84 (1): 20-31. Jan.-Mar. 1978. WR 170
Monash Univ., Victoria, Australia]

78-005247 Frost, R. A. HIGH DIVING BY KINGFISHER. Br. Birds 71 (3): 130. Mar. 1978. WR 170
[66 St. Lawrence Rd., North Wingfield, Chesterfield, Derbyshire S42 5LL, England] /Alcedo atthis/ in England.

78-005248 Furumaya, Masayuki [AN OBSERVATION ON THE EGG-LAYING BY THE CUCKOO /CUCULUS CANOLUS/.] Tori 26 (4): 125-127. Dec. 1977. In Japanese with English summ. WR 170
[10-5 Hirooka-Kataishi, Shiojiri-shi, Nagano pref. 399-07, Japan]

78-005249 Graber, Jean W.; Graber, Richard R.; Kirk, Ethelyn L. ILLINOIS BIRDS: PICIDAE. Ill. Nat. Hist. Surv. Biol. Notes no. 102. 73p. Sept. 1977. WR 170
[Ill. Nat. Hist. Surv., Urbana] Data for 7 spp.

78-005250 Graham, Carla L. G. POXVIRUS INFECTION IN A SPECTACLED AMAZON PARROT (/AMAZONA ALBIFRONS/). Avian Dis. 22 (2): 340-343. Apr.-June. 1978. WR 170
[Dep. Veterinary Pathol., Coll. Veterinary Med., Iowa State Univ., Ames 50011]

78-005251 Greig-Smith, P. W. OBSERVATIONS ON THE STRIPED KINGFISHER /HALCYON CHELICUTI/. Nigerian Ornithol. Soc. Bull. 14 (45): 14-23. May 1978. WR 170
[School Biol. Sci., Univ. Sussex, Falmer, Brighton BN1 9QG, England]

78-005252 Gustafson, Torsten; Lindkvist, Birgit; Gotborn, Lars; Gyllin, Roger ALTITUDES AND FLIGHT TIMES FOR SWIFTS /APUS APUS/ L. Ornis Scand. 8 (1): 87-95. 1977. WR 170
[Dep. Theoretical Physics, Solvegatan 14 a, S-233 62 Lund, Sweden]

78-005253 Gutierrez, R. J.; Koenig, Walter D. CHARACTERISTICS OF STORAGE TREES USED BY ACORN WOODPECKERS IN TWO CALIFORNIA WOODLANDS. J. For. 76 (3): 162-164. Mar. 1978. WR 170
[Dep. Nat. Resour., Cornell Univ., Ithaca, N.Y.] Abstract: The acorn woodpecker (/Melanerpes formicivorus/) was found to store acorns in the largest pines in two California pine-oak woodlands. Storage trees, which are often snags, are critical to this bird's habitat, and foresters should retain them whenever possible.

78-005254 Hadow, Harlo H. AUDIBLE COMMUNICATION AND ITS ROLE IN THE SPECIES RECOGNITION OF RED-NAPED AND WILLIAMSON'S SAPSUCKERS (AVES: PICIFORMES). Ph.D. dissertation, Univ. Colo. 77p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):2073. Nov. 1977. WR 170
/Sphyrapicus varius nuchalis/ and /S. thyroideus/.

78-005255 Haffer, Jurgen; Voss, Graham HYBRID /RAMPHASTOS/--TOUCANS IN CAPTIVITY. J. Ornithol. 119 (2): 233-234. Apr. 1978. In English. WR 170
[Meisenburgstr. 15, 4300 Essen, West Germany]

78-005256 Harwin, R. M. THE LESSER WINDOW-BASHING KINGFISHER. Honeyguide no. 93. p. 19-20. Feb. 1978. WR 170
[P.O. Box 8106, Causeway, Salisbury, Rhodesia] /Ispidina picta/.

78-005257 Hogstad, Olav SEASONAL CHANGE IN INTERSEXUAL NICHE DIFFERENTIATION OF THE THREE-TOED WOODPECKER /PICOIDES TRIDACTYLUS/. Ornis Scand. 8 (2): 101-111. 1977. WR 170
[Zool. Inst., Univ. Trondheim, Rosenborg, N-7000 Trondheim, Norway]

78-005258 Hogstad, Olav SEXUAL DIMORPHISM IN RELATION TO WINTER FORAGING AND TERRITORIAL BEHAVIOUR OF THE THREE-TOED WOODPECKER /PICOIDES TRIDACTYLUS/ AND THREE /DENDROCOPOS/ SPECIES. Ibis 120 (2) : 198-203. Apr. 1978. WR 170
[Dep. Zool., Univ. Trondheim, Rosenborg, N-7000 Trondheim, Norway]

78-005259 Hopkins, Milton N., Jr. BEAVER PONDS AS PRIME WOODPECKER HABITATS IN GEORGIA. Oriole 42 (4): 81. Dec. 1977. WR 170
[R.F.D. 5, Osierfield, Fitzgerald, Ga. 31750] /Colaptes auratus/, /Dryocopus pileatus/, /Melanerpes carolinus/, /M. erythrocephalus/, /Picoides pubescens/ and /Sphyrapicus varius/.

78-005260 Irvine, G. C.; Irvine, G. C., Mrs. WHITE-BELLIED GO-AWAY-BIRDS SHARING FEEDING DUTIES. East Afr. Nat. Hist. Soc. Bull. p. 63. May/June 1977. WR 170
[Chogoria Hospital, P.O. Chogoria, via Embu, Kenya] /Corythaixoides leucogaster/ in Kenya.

78-005261 Irwin, Michael P. Stuart DISTRIBUTION, OVERLAP AND ECOLOGICAL REPLACEMENT IN BENNETT'S WOODPECKER /CAMPETHERA BENNETTII/ AND THE GOLDEN-TAILED WOODPECKER /CAMPETHERA ABINGONI/ IN RHODESIA. Honeyguide no. 93. p. 21-28. Feb. 1978. WR 170
[Natl. Mus., Bulawayo, Rhodesia]

78-005262 Irwin, Michael P. Stuart THE LIFE AND DEATH OF THE PYGMY KINGFISHER /ISPIDINA PICTA/ IN RHODESIA. Honeyguide no. 93. p. 29-33. Feb. 1978. WR 170
[Natl. Mus., Bulawayo, Rhodesia]

78-005263 Jenkins, D. V. A BRIEF NOTE ON THE BLUE NAPED PARROT IN KOTA KINABALU, SABAH. Malay. Nat. J. 29 (3): 158. Mar. 1976. WR 170
[Sabah Natl. Park, Kota Kinabalu, Malaysia] /Tanygnathus lucionensis/.

78-005264 Kepler, Cameron B.; Kepler, Angela K. STATUS AND NESTING OF THE YELLOW-BILLED CUCKOO IN PUERTO RICO. Auk 95 (2): 417-419. Apr. 1978. WR 170
[Patuxent Wildl. Res. Stn., Laurel, Md. 20811] /Coccyzus americanus/.

78-005265 Kiff, Lloyd F.; Williams, Andrew HOST RECORDS FOR THE STRIPED CUCKOO FROM COSTA RICA. Wilson Bull. 90 (1): 138-139. Mar. 1978. WR 170
[Western Foundation Vertebr. Zool., 1100 Glendon Ave., Los Angeles, Calif. 90024] /Tapera naevia/.

78-005266 King, Bernard FREE-WINGED BUDGERIGARS IN THE ISLES OF SCILLY. Br. Birds 71 (2): 82-83. Feb. 1978. WR 170
[Gull Cry, 9 Park Rd., Newlyn, Penzance, Cornwall, England] /Melopsittacus undulatus/.

78-005267 Lochmiller, Robert WINTER BEAVER POND USAGE BY RED-HEADED AND PILEATED WOODPECKERS. Oriole 42 (4): 74-78. Dec. 1977. WR 170
[Dep. Fisheries & Wildl., Va. Polytech. Inst. & State Univ., Blacksburg 24061] /Melanerpes erythrocephalus/ and /Dryocopus pileatus/ in Georgia.

78-005268 McInnes, R. S.; Carne, P. B. PREDATION OF COSSID MOTH LARVAE BY YELLOW-TAILED BLACK COCKATOOS CAUSING LOSSES IN PLANTATIONS OF /EUCALYPTUS GRANDIS/ IN NORTH COASTAL NEW SOUTH WALES. Aust. Wildl. Res. 5 (1): 101-121. Mar. 1978. WR 170
[Div. Entomol., CSIRO, P.O. Box 1700, Canberra City, A.C.T. 2601, Australia] /Calyptorhynchus funereus/.

78-005269 McKinley, Daniel THE CAROLINA PARAKEET IN THE WEST: ADDITIONAL REFERENCES. Nebr. Bird Rev. 46 (1): 3-7. Mar. 1978. WR 170
[Dep. Biol. Sci., State Univ. N.Y., Albany] /Conuropsis carolinensis/.

78-005270 McKinley, Daniel THE CAROLINA PARAKEET IN ILLINOIS: A RECAPITULATION. Indiana Audubon Q. 56 (2): 53-68. May 1978. WR 170
[Dep. Biol. Sci., State Univ. N.Y., Albany 12222] /Conuropsis carolinensis/.

78-005271 Mobbs, A. J. THORNBILL HUMMINGBIRDS. PART I. THE GENUS /RAMPHOMICRON/. Avic. Mag. 84 (1): 17-19. Jan.-Mar. 1978. WR 170
[Walsall, West Midlands, England]

78-005272 O'Connor, Neil BREEDING GOFFIN'S COCKATOO /CACATUA GOFFINI/. Avic. Mag. 83 (4): 182-184. Oct.-Dec. 1977. WR 170

78-005273 Ortmann, Willy EINE GELUNGENE BRUT DES MITTELSPECHTES (/DENDROCOPOS MEDIUS/) IM HERTOGENWALD, 1977. [A SUCCESSFUL BREEDING OF MIDDLE-SPOTTED WOODPECKERS /DENDROCOPOS MEDIUS/ IN HERTOGENWALD, 1977.] Gerfaut 68 (1): 111-114. 1978. In German with Dutch, French and English summ. WR 170
[Bellmerin 4, B-4700 Eupen, Belgium]

78-005274 Osborne, T. O.; Osborne, L. Y. MOTTLED SWIFT IN SOUTHERN CAPE PROVINCE. Ostrich 49 (1): 45. Mar. 1978. WR 170
[1510 W. Carriage Dr., Santa Ana, Calif. 92704] /Apus aequatorialis/.

78-005275 Ouellet, Henri RELATIONSHIPS OF WOODPECKER GENERA /DENDROCOPOS/ KOCH AND /PICOIDES/ LACEPEDE, (AVES: PICIDAE). Ardea 65 (3-4): 165-183. Mar. 1978. In English with French summ. WR 170
[Mus. Nat. Sci., Ottawa, Ontario K1A 0M8, Canada] Data for 33 spp.

78-005276 Ouellet, Henri Roger BIOSYSTEMATICS AND ECOLOGY OF /PICOIDES VILLOSUS/ (L.) AND /P. PUBESCENS/ (L.) (AVES: PICIDAE). Ph.D. dissertation, McGill Univ. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(7):3085. Jan. 1978. WR 170

78-005277 Pinel, Harold W.; Riddell, John R. FIRST RECORD OF ANNA'S HUMMINGBIRD FOR ALBERTA. Can. Field-Nat. 91 (4): 394. Oct.-Dec. 1977. WR 170
[1017-19th Ave., N.W., Calgary, Alberta T2M 0Z8] /Calypte anna/.

78-005278 Prigogine, Alexandre NOTE SUR LES PETITS INDICATEURS DE LA FORET DE KAKAMEGA. [NOTE ON THE SMALL HONEYGUIDES OF THE KAKAMEGA FOREST.] Gerfaut 68 (1): 87-89. 1978. In French with Dutch and English summ. WR 170
[Inst. Roy. Sci. Nat. Belgique, rue Vautier 31, B-1040 Brussels, Belgium] /Indicator exilis pachyrhynchus/.

78-005279 Ritchie, Robert J. PROBABLE COMMON FLICKER NEST ON THE NORTH SLOPE OF THE BROOKS RANGE, ALASKA. Murrelet 59 (1): 31-33. 1978. WR 170
[Alaska Biol. Res., P.O. Box 81929, Fairbanks 99708] /Colaptes auratus/.

78-005280 Roberts, Greg J.; Ingram, G. J. MARBLED FROGMOUTH IN THE CONONDALE RANGE, SOUTHEASTERN QUEENSLAND. Emu 78 (1): 41-42. Feb. 1978. WR 170
[Wildl. Res. Group. (Queensland), P.O. Box 867, Fortitude Valley, Queensland 4006, Australia] /Podargus ocellatus/.

78-005281 Robinson, Leif J. THE RED-BELLIED WOODPECKER IN MASSACHUSETTS--A CASE HISTORY OF RANGE EXPANSION. Bird Observer East. Mass. 5 (6): 195-197. Nov.-Dec. 1977. WR 170
/Centurus carolinus/.

78-005282 Saunders, D. A. MEASUREMENTS OF THE LITTLE CORELLA FROM KUNUNURRA, WA. Emu 78 (1): 37-39. Feb. 1978. WR 170
[Div. Wildl. Res., CSIRO, Clayton Rd., Helena Valley, Western Australia 6056, Australia] /Cacatua sanguinea/.

78-005283 Sealy, Spencer G. POSSIBLE INFLUENCE OF FOOD ON EGG-LAYING AND CLUTCH SIZE IN THE BLACK-BILLED CUCKOO. Condor 80 (1): 103-104. 1978. WR 170
[Dep. Zool., Univ. Manitoba, Winnipeg, Manitoba, R3T 2N2 Canada] /Coccyzus erythropthalmus/ in Canada.

78-005284 Shooter, Philip KINGFISHER DIVING THROUGH ICE TO CATCH FISH. Br. Birds 71 (3): 130. Mar. 1978. WR 170
[153 Market St., Clay Cross, Chesterfield, Derbyshire, England] /Alcedo atthis/ in England.

78-005285 Sirotkin, A. V. [ON THE BREEDING SITE OF /DENDROCOPOS MAJOR/ L. IN LENINGRAD DISTRICT.] Biol. Nauki (Mosc.) 1978 (1): 65-66. Jan. 1978. In Russian. WR 170

78-005286 Swierczewski, Edward Valentine THE HINDLIMB MYOLOGY AND PHYLOGENETIC RELATIONSHIPS OF THE AVIAN ORDER PICIFORMES. Ph.D. dissertation, Univ. Pittsburgh 283p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):3999. Mar. 1978. WR 170

78-005287 Thomas, Betsy Trent THE DWARF CUCKOO IN VENEZUELA. Condor 80 (1): 105-106. 1978. WR 170
[Apartado 80844, Caracas 108, Venezuela] /Coccyzus pumilus/.

78-005288 Thompson, Bruce C. BEHAVIOR OF VAUX'S SWIFTS NESTING AND ROOSTING IN A CHIMNEY. Murrelet 58 (3): 73-77. 1977. WR 170
[204 East 14 St., The Dalles, Oreg. 97058] /Chaetura vauxi/ in Oregon.

78-005289 Vessel, Richard Douglas ENERGETICS OF THE BELTED KINGFISHER (/MEGACERYLE ALCYON/). Ph.D. dissertation, Oreg. State Univ. 123p. 1978. From Diss. Abstr. Int. B Sci. Eng. 38(10):4625. Apr. 1978. WR 170

78-005290 Whitfield, A. K. PIED KINGFISHER CATCHES TWO FISHES IN ONE DIVE. Ostrich 49 (1): 45. Mar. 1978. WR 170
[Dep. Zool., Univ. Natal, P.O. Box 735, Pietermaritzburg 3200, South Africa] /Ceryle rudis/.

78-005291 Winkler, Hans; Short, Lester L. A COMPARATIVE ANALYSIS OF ACOUSTICAL SIGNALS IN PIED WOODPECKERS (AVES, /PICOIDES/). Bull. Am. Mus. Nat. Hist. 160 (1): 1-109. 15 May 1978. Price $6.80 a copy. WR 170
[Austrian Acad. Sci., Vienna, Austria]

78-005292 Winterfield, R. W.; Thacker, H. L. VERMINOUS ENCEPHALITIS IN THE EMU. Avian Dis. 22 (2): 336-339. Apr.-June. 1978. WR 170
[School Veterinary Med., Purdue Univ., West Lafayette, Ind. 47907] /Dromaius novaehollandiae/.

78-005293 Wright, Clifford K. THE FIRST BRITISH BREEDING OF TWO LORY SPECIES? Avic. Mag. 83 (4): 189-190. Oct.-Dec. 1977. WR 170
[West Ealing, London, England] /Eos squamata/ and /E. cyanogenia/.

78-005294 Zimmerman, Dale A. EARED TROGON--IMMIGRANT OR VISITOR? Am. Birds 32 (2): 135-139. Mar. 1978. WR 170
[Dep. Biol. Sci., Western N. Mex. Univ., Silver City 88061] /Euptilotis neoxenus/.

78-005295 Zoller, Werner VERSUCHE ZUR ANSIEDLUNG UND BEOBACHTUNGEN ZUR BRUTBIOLOGIE DES EISVOGELS /ALCEDO ATTHIS/. [EXPERIMENTS IN COLONIZING THE KINGFISHER (/ALCEDO ATTHIS/) AND OBSERVATION ON ITS BREEDING BIOLOGY.] Anz. Ornithol. Ges. Bayern 14 (2): 196-205. Aug. 1975. In German with English summ. WR 170
[Wichernstr. 23, 75 Karlsruhe 21, West Germany]

AMPHIBIANS & REPTILES

78-005296 Andren, Claes; Nilson, Goran OBSERVATIONS ON THE HERPETOFAUNA OF TURKEY IN 1968-1973. Br. J. Herpetol. 5 (7): 575-584. Dec 1976. WR 170
[Dep. Zool., Univ. Gothenburg, Gothenburg, Sweden]

78-005297 Cooper, C. Lawrence; Crites, John L.; Sprinkle-Fastkie, D. Jean POPULATION BIOLOGY AND BEHAVIOR OF LARVAL /EUSTRONGYLIDES TUBIFEX/ (NEMATODA: DIOCTOPHYMATIDA) IN POIKILOTHERMOUS HOSTS. J. Parasitol. 64 (1): 102-103. Feb. 1978. WR 170
[Ohio State Univ., Columbus 43210] /Rana Pipiens/, /Chelydra serpentina/, /Emys blandingi/, /Trionyx spinifer/ and fish.

78-005298 Gibbons, J. Whitfield; Coker, John W. HERPETOFAUNAL COLONIZATION PATTERNS OF ATLANTIC COAST BARRIER ISLANDS. Am. Midl. Nat. 99 (1): 219-233. Jan. 1978. WR 170
[Savannah River Ecol. Lab., Drawer E, Aiken, S.C. 29801]

78-005299 Gorzula, S.; Arocha-Pinango, C. L. AMPHIBIANS AND REPTILES COLLECTED IN THE ORINOCO DELTA. Br. J. Herpetol. 5 (9): 687. Dec. 1977. WR 170
[Dep. Med. Exp., Inst. Venezolano Investigaciones Cientificas, Caracas, Venezuela]

78-005300 Groves, John D.; Groves, Frank SPIDER PREDATION ON AMPHIBIANS AND REPTILES. Bull. Md. Herpetol. Soc. 14 (1): 44-46. Mar. 1978. WR 170
[Philadelphia Zool. Garden, Philadelphia, Pa. 19104]

78-005301 Huey, Raymond B. LATITUDINAL PATTERN OF BETWEEN-ALTITUDE FAUNAL SIMILARITY: MOUNTAINS MIGHT BE "HIGHER" IN THE TROPICS. Am. Nat. 112 (983): 225-229. Jan.-Feb. 1978. WR 170
[Dep. Zool., Univ. Wash., Seattle 98195] "Lizards, snakes and frogs."

78-005302 Liner, Ernest A.; Johnson, Richard M.; Chaney, Allan H. A CONTRIBUTION TO THE HERPETOLOGY OF NORTHERN COAHUILA, MEXICO. Trans. Kans. Acad. Sci. 80 (1&2): 47-53. 1977. WR 170
[310 Malibou Blvd., Houma, La. 70360] Annotated list.

78-005303 Long, Charles Alan; Long, John Edward; Long, Charles A. SOME AMPHIBIANS AND REPTILES FROM CHAMBERS ISLAND, GREEN BAY, LAKE MICHIGAN. Jack-Pine Warbler 56 (1): 46-47. Mar. 1978. WR 170
[Mus. Nat. Hist., Univ. Wis., Stevens Point 54481]

78-005304 Malaret, Luis THE HERPETOFAUNA OF LACREEK NATIONAL WILDLIFE REFUGE. Trans. Kans. Acad. Sci. 80 (3&4): 145-150. 1977. WR 170
[Mus. Nat. Hist., Univ. Kans., Lawrence 66045] Annotated list of 19 spp.

78-005305 Murthy, T. S. N.; Sharma, B. D. A CONTRIBUTION TO THE HERPETOLOGY OF JAMMU AND KASHMIR. Br. J. Herpetol. 5 (6): 533-538. June 1976. WR 170
[Zool. Surv. India, Madras, India]

78-005306 Newman, D. G. SOME EVIDENCE OF THE PREDATION OF HAMILTON'S FROG (/LEIOPELMA HAMILTONI/ (MCCULLOCH)) BY TUATARA (/SPHENODON PUNCTATUS/ (GREY)) ON STEPHENS ISLAND. Proc. N.Z. Ecol. Soc. 24: 43-47. 1977. WR 170
[Wildl. Serv., Dep. Internal Affairs, Wellington, New Zealand]

78-005307 Patterson, J. W.; Davies, P. M. C. NOTES ON THE HERPETOLOGY OF THE COSTA BLANCA IN SPRING. Br. J. Herpetol. 5 (9): 685-686. Dec. 1977. WR 170
[Dep. Zool., Univ. Nottingham, University Park, Nottingham NG7 2RD, England]

78-005308 Philibosian, Richard; Yntema, John A. RECORDS AND STATUS OF SOME REPTILES AND AMPHIBIANS IN THE VIRGIN ISLANDS. II. 1975-1976. Herpetologica 34 (1): 47-51. Mar. 1978. WR 170
[Bureau Fish & Wildl., Box 1878, Frederiksted, St. Croix, U.S. Virgin Islands 00840]

78-005309 Rau, Manfred E.; Doyle, Jamie; Gordon, David LES PARASITES DES ANIMAUX SAUVAGES DU QUEBEC. 2. LES PARASITES DES GRENOUILLES ET DES SERPENTS DE LA REGION DE L'ILE PERROT. [THE PARASITES OF THE WILD ANIMALS OF QUEBEC. 2. THE PARASITES OF FROGS AND SNAKES OF THE ILE PERROT REGION.] Nat. Can. (Que.) 105 (1): 56-57. Jan.-Feb. 1978. In French. WR 170
[Inst. Parasitol., Macdonald Coll., Univ. McGill, Ste. Anne-de-Bellevue, Quebec H0A 1C0, Canada] /Rana/ spp., /Thamnophis s. sirtalis/, /Natrix s. sipedon/, /Lampropeltis doliata triangulum/ and /Storeria d. dekayi/.

78-005310 Schramm, P.; Nordgren, R. M. RECENT HERPETOLOGICAL RECORDS FOR WESTERN ILLINOIS INCLUDING A RELIC POPULATION OF THE FOUR-TOED SALAMANDER, /HEMIDACTYLIUM SCUTATUM/. trans. Mo. Acad. Sci. 10 & 11: 330. 1977. Abstract only. WR 170
[Knox Coll., Galesburg, Ill. 61401]

78-005311 Smith, Hobart M.; Smith, Rozella B. THE HERPETOLOGICAL NAMES OF HERRERA, 1899, AND THEIR STATUS. Trans. Kans. Acad. Sci. 78 (1&2): 85-87. 1975. WR 170
[Dep. Environ., Population & Organismic Biol., Univ. Colo., Boulder 80309]

78-005312 Smith, Hobart M.; Kohler, Anthony J. A SURVEY OF HERPETOLOGICAL INTRODUCTIONS IN THE UNITED STATES AND CANADA. Trans. Kans. Acad. Sci. 80 (1&2): 1-24. 1977. WR 170
[Dep. EPO Biol., Univ. Colo., Boulder] A search of the literature reveals that 75 exotic species have been imported into the United States (including Hawaii) in sufficient abundance and in territories of sufficient potential hospitability to enable them to survive.--From abstr.

78-005313 Sprent, J. F. A. ASCARIDOID NEMATODES OF AMPHIBIANS AND REPTILES: /GOEZIA/. J. Helminthol. 52 (1): 91-98. Mar. 1978. WR 170
[Dep. Parasitol., Univ. Queensland, St. Lucia, Brisbane, Queensland, Australia] Review paper.

78-005314 Tills, Donald W. THE DISTRIBUTION OF THE FUNGUS, /BASIDIOBOLUS RANARUM/ EIDAM, IN FISH, AMPHIBIANS AND REPTILES OF THE SOUTHERN APPALACHIAN REGION. Trans. Kans. Acad. Sci. 80 (1&2): 75-77. 1977. WR 170
[Dep. Nat. Resour., Box 13248, Milwaukee, Wis. 53226]

78-005315 Worthley, Jean; Buckelew, Albert R., Jr. HERPTILES OF HARDY COUNTY. Redstart 45 (1): 44, 54. Mar. 1978. WR 170
[11821 Bonita Ave., Owings Mills, Md. 21117]

AMPHIBIANS

78-005316 Altes, Jacques; Siboulet, Robert UNE POPULATION SAHARIENNE DU CRAPAUD DE MAURETANIE (/BUFO MAURITANICUS/ SCHLEGEL 1841) ESSAI DE DISTINCTION OSTEOMETRIQUE. [A SAHARAN POPULATION OF THE TOAD /BUFO MAURITANICUS/ (SCHLEGEL, 1841). AN ESSAY OF OSTEOMETRIC COMPARISON.] Arch. Zool. Exp. Gen. 118 (4): 423-440. 1977. In French with English summ. WR 170
[Lab. Biol. Gen., Faculte Sci., Algiers, Algeria]

78-005317 Anderson, James D.; Webb, Robert G. LIFE HISTORY ASPECTS OF THE MEXICAN SALAMANDER /AMBYSTOMA ROSACEUM/ (AMPHIBIA, URODELA, AMBYSTOMATIDAE). J. Herpetol. 12 (1): 89-93. 27 Feb. 1978. WR 170
[Dep. Zool., Rutgers Univ., Newark, N.J. 07102]

78-005318 Ashton, Ray E., Jr. THE CENTRAL NEWT, /NOTOPHTHALMUS VIRIDESCENS LOUISIANENSIS/ (WOLTERSTORFF), IN KANSAS. Trans. Kans. Acad. Sci. 79 (1&2): 15-19. 1976. WR 170
[N.C. State Mus. Nat. Hist., P.O. Box 27647, Raleigh, N.C. 27611]

78-005319 Awbrey, Frank T. SOCIAL INTERACTION AMONG CHORUSING PACIFIC TREE FROGS, /HYLA REGILLA/. Copeia 1978 (2): 208-214. 5 May 1978. WR 170
[Dep. Biol., San Diego State Univ., San Diego, Calif. 92182]

78-005320 Bachmann, K.; Nishioka, M. GENOME SIZE AND NUCLEAR SIZE IN PALAEARCTIC FROGS (/RANA/). Copeia 1978 (2): 225-229. 5 May 1978. WR 170
[Univ. Heidelberg, Im Neuenheimer Feld 504, D-69 Heidelberg, Germany] Nuclear DNA amounts and nuclear sizes have been determined for nine species of Japanese frogs and several European and American species for comparison.--From abstr.

78-005321 Bachmann, K.; Konrad, A.; Oeldorf, E.; Hemmer, H. GENOME SIZE IN THE GREEN TOAD (/BUFO VIRIDIS/) GROUP. Experientia (Basel) 34 (3): 331-332. 15 Mar. 1978. WR 170
[Univ. Heidelberg, Im Neuenheimer Feld 504, D-6900 Heidelberg, West Germany]

78-005322 Balinsky, Doris; Fromm, Herbert J. HEXOKINASE III FROM /RANA CATESBEIANA/. Comp. Biochem. Physiol. B Comp. Biochem. 60 (1): 71-75. 1978. WR 170
[Dep. Biochem. & Biophysics, Iowa State Univ., Ames 50011]

78-005323 Beebee, Trevor J. C. THE NATTERJACK TOAD (/BUFO CALAMITA/) IN THE BRITISH ISLES; A STUDY OF PAST AND PRESENT STATUS. Br. J. Herpetol. 5 (6): 515-521. June 1976. WR 170
[Dep. Biochem., University Coll., Gower St., London WC1E 6BT, England]

78-005324 Bizer, John Robert LIFE HISTORY PHENOMENA OF /AMBYSTOMA TIGRINUM/ IN MONTANE COLORADO. Ph.D. dissertation, Wash. Univ. 211p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(4):1533. Oct. 1977. WR 170

78-005325 Blaney, Richard M.; Blaney, Patricia Kimmish SIGNIFICANCE OF EXTREME VARIATION IN A CAVE POPULATION OF THE SALAMANDER /GYRINOPHILUS PORPHYRITICUS/. Proc. W. Va. Acad. Sci. 50 (1): 23. 1978. Abstract only. WR 170
[Dep. Biol., W. Va. State Coll., Institute 25112] [/Gyrinophilus subterraneus/].

78-005326 Briggs, Norma Jean SOME EFFECTS OF TRANSPLANTED ANTERIOR PITUITARIES ON HYPOPHYSECTOMIZED /XENOPUS LAEVIS/ LARVAE. Ph.D. dissertation, Univ. Ariz. 123p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(3):1080. Sept. 1977. WR 170

78-005327 Bruce, Richard C. LIFE-HISTORY PATTERNS OF THE SALAMANDER /GYRINOPHILUS PORPHYRITICUS/ IN THE COWEE MOUNTAINS, NORTH CAROLINA. Herpetologica 34 (1): 53-64. Mar. 1978. WR 170
[Highlands Biol., Stn., Highlands, N.C. 28741]

78-005328 Caldwell, Ronald Scott CRANIAL OSTEOLOGY OF THE SALAMANDER GENUS /DESMOGNATHUS/ BAIRD, (AMPHIBIA: PLETHODONTIDAE). Ph.D. dissertation, Auburn Univ. 173p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(11):5226. May 1978. WR 170

78-005329 Campbell, G.; Duxson, Marilyn J. THE SYMPATHETIC INNERVATION OF LUNG MUSCLE IN THE TOAD /BUFO MARINUS/: A REVISION AND AN EXPLANATION. Comp. Biochem. Physiol. C Comp. Pharmacol. 60 (1): 65-75. 1978. WR 170
[Dep. Zool., Univ. Melbourne, Parkville, Victoria 3052, Australia]

78-005330 Case, Susan M. ELECTROPHORETIC VARIATION IN TWO SPECIES OF RANID FROGS, /RANA BOYLEI/ AND /R. MUSCOSA/. Copeia 1978 (2): 311-320. 5 May 1978. WR 170
[Mus. Comp. Zool., Harvard Univ., Cambridge, Mass. 02138]

78-005331 Cassidy, Donna M.; Blackler, Antonie W. A DEVELOPMENTAL ANALYSIS OF THE HISTONE PATTERNS OF TWO SPECIES OF /XENOPUS/ AND THEIR HYBRIDS. Dev. Biol. 63 (1): 224-232. Mar. 1978. WR 170
[Genetics, Development & Physiol., Cornell Univ., Ithaca, N.Y. 14853] /Xenopus laevis/ and /X. borealis/.

78-005332 Cecil, Stephen G.; Just, John J. USE OF ACRYLIC POLYMERS FOR MARKING OF TADPOLES (AMPHIBIA, ANURA). J. Herpetol. 15 (1): 95-96. 27 Feb. 1978. WR 170
[School Biol. Sci., Univ. Ky., Lexington 40506] /Rana catesbeiana/.

78-005333 Cevikbas, Adile ANTIBACTERIAL ACTIVITY IN THE SKIN SECRETION OF THE FROG /RANA RIDIBUNDA/. Toxicon 16 (2): 195-197. 1978. WR 170
[Dep. Radiobiol., Univ. Istanbul, Vezneciler, Turkey]

78-005334 Channing, A.; Stuart, C. T. THE DISTRIBUTION OF /BUFO VERTEBRALIS HOESCHI/ IN THE NAMIB DESSERT PARK, SOUTH WEST AFRICA. Br. J. Herpetol. 5 (9): 655-656. Dec. 1977. WR 170
[John R. Buerman Zool. Mus., University, Stellenbosch 7600, South Africa]

78-005335 Christein, Debra; Taylor, Douglas H. POPULATION DYNAMICS IN BREEDING AGGREGATIONS OF THE AMERICAN TOAD, /BUFO AMERICANUS/ (AMPHIBIA, ANURA, BUFONIDAE). J. Herpetol. 12 (1): 17-24. 27 Feb. 1978. WR 170
[Dep. Zool., Miami Univ., Oxford, Ohio 45056]

78-005336 Chung, Shin-Ho; Pettigrew, Alan; Anson, Michael DYNAMICS OF THE AMPHIBIAN MIDDLE EAR. Nature 272 (5649): 142-147. 9 Mar. 1978. WR 170
[Natl. Inst. Med. Res., London NW7, England] /Rana temporaria/.

78-005337 Clark, Theodore George STUDIES ON ACTIN IN OOCYTES OF /XENOPUS LAEVIS/. Ph.D. dissertation, State Univ. N.Y. (Stony Brook) 101p. 1978. From Diss. Abstr. Int. B Sci. Eng. 38(11):5144. May 1978. WR 170

78-005338 Cooke, A. S. SPAWNING DATES OF THE FROG (/RANA TEMPORARIA/) AND THE TOAD (/BUFO BUFO/) IN BRITAIN. Br. J. Herpetol. 5 (7): 585-589. Dec 1976. WR 170
[Monks Wood Exp. Stn., Abbots Ripton, Huntingdon, England]

78-005339 Daly, John W.; Brown, George B.; Mensah-Dwumah, Monica; Myers, Charles W. CLASSIFICATION OF SKIN ALKALOIDS FROM NEOTROPICAL POISON-DART FROGS (DENDROBATIDAE). Toxicon 16 (2): 163-188. 1978. WR 170
[Natl. Inst. Health, Bethesda, Md. 20014]

78-005340 De Neff, Stephania Jo; Sever, David M. ONTOGENETIC CHANGES IN PHOTOTACTIC BEHAVIOR OF /AMBYSTOMA TIGRINUM TIGRINUM/ (AMPHIBIA: URODELA). Proc. Indiana Acad. Sci. 86: 478-481. 1977. WR 170
[Dep. Biol., Saint Mary's Coll., Notre Dame, Ind. 46556]

78-005341 Dellmann, H.-D. SCANNING AND TRANSMISSION ELECTRON MICROSCOPY OF THE SUBFORNICAL ORGAN OF THE GRASS FROG (/RANA PIPIENS/). Cell. Tissue Res. 186 (2): 361-374. 17 Jan. 1978. WR 170
[Coll. Veterinary Med., Iowa State Univ., Ames 50011]

78-005342 D'Eon, Michael E.; Boutilier, Robert G.; Toews, Daniel P. ANAEROBIC CONTRIBUTIONS DURING PROGRESSIVE HYPOXIA IN THE TOAD /BUFO MARINUS/. Comp. Biochem. Physiol. A Comp. Physiol. 60 (1): 7-10. 1978. WR 170
[Dep. Biol., Acadia Univ., Wolfville, Nova Scotia, Canada B0P 1X0]

78-005343 Desaix, Peter ONTOGENY OF THE ADHESIVE GLAND IN /XENOPUS LAEVIS/: A CORRELATION OF FUNCTION, MORPHOGENESIS, AND CYTOCHEMISTRY. Ph.D. dissertation, Univ. N.C. 185p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(6):2568. Dec. 1977. WR 170

78-005344 Diakow, Carol HORMONAL BASIS FOR BREEDING BEHAVIOR IN FEMALE FROGS: VASOTOCIN INHIBITS THE RELEASE CALL OF /RANA PIPIENS/. Science 199 (4336): 1456-1458. 31 Mar. 1978. WR 170
[Biol. Dep., Adelphi Univ., Garden City, N.Y. 11530]

78-005345 Dumont, J. N. OOGENESIS IN /XENOPUS LAEVIS/ (DAUDIN). VI. THE ROUTE OF INJECTED TRACER TRANSPORT IN THE FOLLICLE AND DEVELOPING OOCYTE. J. Exp. Zool. 204 (2): 193-218. May 1978. WR 170
[Biol. Div., Oak Ridge Natl. Lab., Oak Ridge, Tenn. 37830]

78-005346 Eddy, F. B.; McDonald, P. AQUATIC RESPIRATION OF THE CRESTED NEWT /TRITURUS CRISTATUS/. Comp. Biochem. Physiol. A Comp. Physiol. 59 (1): 85-88. 1978. WR 170
[Dep. Biol. Sci., Univ. Dundee, Dundee DD1 4HN, Scotland]

78-005347 Elinson, Richard P.; Manes, Mario E. MORPHOLOGY OF THE SITE OF SPERM ENTRY ON THE FROG EGG. Dev. Biol. 63 (1): 67-75. Mar. 1978. WR 170
[Dep. Zool., Univ. Toronto, Toronto, Ontario M5S 1A1, Canada] /Rana pipiens/.

78-005348 Etkin, Laurence David STUDIES OF GENE REGULATION AND CELL TYPE DETERMINATION IN A AMPHIBIAN INTERSPECIFIC HYBRID (/AMBYSTOMA MEXICANUM/ X /AMBYSTOMA TEXANUM/) UTILIZING ENZYMES AS MARKERS OF GENE ACTIVITY. Ph.D. dissertation, Ind. Univ. 169p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(4):1602. Oct. 1977. WR 170

78-005349 Faulhaber, I.; Lange-Lyra, L. DISTRIBUTION AND HOMOLOGIES OF SUBUNITS IN THE LDH ISOENZYME PATTERN OF URODELES. Comp. Biochem. Physiol. B Comp. Biochem. 59 (4): 307-315. 1978. WR 170
[Inst. Molekularbiol. & Biochem., Freien Univ. Berlin, D-1000 Berlin 33, West Germany] /Triturus vulgaris/, /T. cristatus/, /T. alpestris/, /T. heleveticus/ and /Ambystoma mexicanum/.

78-005350 Feder, Juliana H.; Wurst, Gloria Z.; Wake, David B. GENETIC VARIATION IN WESTERN SALAMANDERS OF THE GENUS /PLETHODON/, AND THE STATUS OF /PLETHODON GORDONI/. Herpetologica 34 (1): 64-69. Mar. 1978. WR 170
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720]

78-005351 Feder, Martin E. ENVIRONMENTAL VARIABILITY AND THERMAL ACCLIMATION IN NEOTROPICAL AND TEMPERATE ZONE SALAMANDERS. Physiol. Zool. 51 (1): 7-16. Jan. 1978. WR 170
[Dep. Anatomy, Univ. Chicago, Chicago, Ill. 60637] /Bolitoglossa occidentalis/, /Pseudoeurycea smithi/, /Bactrachoseps attenuatus/ and /Taricha torosa/.

78-005352 Feder, Martin Elliott BIOENERGETICS OF LUNGLESS SALAMANDERS (CAUDATA: PLETHODONTIDAE). Ph.D. dissertation, Univ. Calif. (Berkeley) 139p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3585. Feb. 1978. WR 170

78-005353 Fellers, Gary Marvin SOCIAL INTERACTIONS IN NORTH AMERICAN TREEFROGS (/HYLA/). Ph.D. dissertation, Univ. Md. 79p. 1976. From Diss. Abstr. Int. B Sci. Eng. 38(4):1603. Oct. 1977. WR 170
Data for 9 spp.

78-005354 Fleming, Patricia Louise A STUDY OF THE DISTRIBUTION AND ECOLOGY OF /RANA CLAMITANS/ LATREILLE. Ph.D. dissertation, Univ. Minn. 175p. 1976. From Diss. Abstr. Int. B Sci. Eng. 38(3):1082. Sept. 1977. WR 170

78-005355 Formas, J. R. THE CHROMOSOMES OF /BUFO RUBROPUNCTATUS/ AND /BUFO CHILENSIS/ (ANURA, BUFONIDAE) AND OTHER SPECIES OF THE /SPINOLOSUS/ GROUP. Experientia (Basel) 34 (4): 452-454. 15 Apr. 1978. WR 170
[Inst. Zool., Univ. Austral de Chile, Casilla 567, Valdivia, Chile]

78-005356 Formas, J. R. SYSTEMATIC PROBLEMS IN THE FROG SPECIES /EUPSOPHUS ROSEUS/ (ANURA: LEPTODACTYLIDAE) DETECTED BY KARYOLOGICAL ANALYSIS. Experientia (Basel) 34 (4): 446. 15 Apr. 1978. WR 170
[Inst. Zool., Univ. Austral de Chile, Casilla 567, Valdivia, Chile]

78-005357 Fugler, Charles M.; Mabry, Charles C. VARIATION IN A GEOGRAPHIC ISOLATE OF /LEPTODACTYLUS WAGNERI/ (PETERS) (ANURA: LEPTODACTYLIDAE) OF AMAZONIAN ECUADOR. J. Elisha Mitchell Sci. Soc. 93 (2): 101. 1977. Abstract only. WR 170

78-005358 Garber, David P.; Garber, Carol E. A VARIANT FORM OF /TARICHA GRANULOSA/ (AMPHIBIA, URODELA, SALMANDRIDAE) FROM NORTHWESTERN CALIFORNIA. J. Herpetol. 12 (1): 59-64. 27 Feb. 1978. WR 170
[Inyo National Forest, 2957 Birch St., Bishop, Calif. 93514]

78-005359 Goff, Lynda J.; Stein, Janet R. AMMONIA: BASIS FOR ALGAL SYMBIOSIS IN SALAMANDER EGG MASSES. Life Sci. 22 (16): 1463-1468. 24 Apr. 1978. WR 170
[Cent. Coastal Marine Studies, Univ. Calif., Santa Cruz 95064]
Summary: The nitrogenous waste product ammonia, excreted by larval stages of the salamander, /Ambystoma gracilis/ (Baird), is removed from the perivitelline fluid by symbiotic green alga, /Chlamydomonas/ sp. The alga stores the excess nitrogen as membrane-bound proteinaceous bodies, which parially explains the accelerated rate of development in the algal-inhabited egg masses.

78-005360 Goldman, P.; Kangas, D. LOCAL VARIATION IN TERRESTRIAL SALAMANDER SPECIES DIVERSITY. Trans. Mo. Acad. Sci. 10 & 11: 236. 1977. Abstract only. WR 170
[Biol., Northeast Mo. State Univ., Kirksville]

78-005361 Gorzula, S. FOAM NESTING IN LEPTODACTYLIDS: A POSSIBLE FUNCTION. Br. J. Herpetol. 5 (9): 657-659. Dec. 1977. WR 170
[Dep. Med. Exp.-Fisiopatol., Inst. Venezolano Investigaciones Cientificas, Caracas, Venezuela]

78-005362 Green, David M. NORTHERN LEOPARD FROGS AND BULLFROGS ON VANCOUVER ISLAND. Can. Field-Nat. 92 (1): 78-79. Jan.-Mar. 1978. WR 170
[Dep. Zool., Univ. Guelph, Guelph, Ontario N1G 2W1, Canada] /Rana pipiens/ and /R. catesbeiana/.

78-005363 Guillet, Francoise; Chalumeau-Le Foulgoc, Marie-Therese CARTOGRAPHIE ET NOMENCLATURE DES PROTEINES SERIQUES DE L'AMPHIBIEN URODELE /AMBYSTOMA DUMERILII/ DUGES. [SERUM PROTEIN PATTERN AND NOMENCLATURE OF THE MEXICAN SALAMANDER /AMBYSTOMA DUMERILII/ DUGES.] C. R. Hebd. Seances Acad. Aci. Ser. D Sci. Nat. 286 (13) 1077-1080. 3 Apr. 1978. In French with English summ. WR 170
[Lab. Biol. Amin., Univ. Pierre & Marie Curie, 9 quai Saint-Bernard, 75005 Paris, France]

78-005364 Hamlin, Hugh G. FOOD HABITS OF THE GREATER SIREN, /SIREN LACERTINA/, IN AN ALABAMA COASTAL PLAIN POND. Copeia 1978 (2): 358-360. 5 May 1978. WR 170
[Dep. Zool., Oreg. State Univ., Corvallis 97331]

78-005365 Hamlin, Hugh G.; Mount, Robert H. REPRODUCTION AND ACTIVITY OF THE GREATER SIREN, /SIREN LACERTINA/ (AMPHIBIA: SIRENIDAE), IN ALABAMA. J. Ala. Acad. Sci. 49 (1): 31-39. Jan. 1978. WR 170
[Dep. Zool., Oreg. State Univ., Corvallis 97331]

78-005366 Hillman, Stanley Severin SOME ASPECTS OF THE PHYSIOLOGY OF DESICCATION AND PHYSIOLOGICAL CORRELATES OF DIFFERENTIAL DESICCATION TOLERANCE IN ANURAN AMPHIBIANS. Ph.D. dissertation, Univ. Calif. (Los Angeles) 99p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):2060. Nov. 1977. WR 170

78-005367 Himstedt, Werner; Tempel, Peter; Weiler, Jurgen RESPONSES OF SALAMANDERS TO STATIONARY VISUAL PATTERNS. J. Comp. Physiol. A Sens. Neural Behav. Physiol. 124 (1): 49-52. 17 Mar. 1978. WR 170
[Inst. Zool., Tech. Hochschule, Schnittspahnstrasse 3, D-6100 Darmstadt, West Germany] /Salamandra salamandra/.

78-005368 Hoerter, J. D. EFFECTS OF TRIPLOIDY ON THE DIFFERENTIATION OF PIGMENT PATTERN IN THE MEXICAN AXOLOTL, /AMBYSTOMA MEXICANUM/. Trans. Mo. Acad. Sci. 10 & 11. 237. 1977. Abstract only. WR 170
[Nat. Sci. Dep., Stephens Coll., Columbia, Mo.]

78-005369 Holmgren, Susanne; Campbell, G. ADRENOCEPTORS IN THE LUNG OF THE TOAD /BUFO MARINUS/: REGIONAL DIFFERENCES IN RESPONSES TO AMINES AND TO SYMPATHETIC NERVE STIMULATION. Comp. Biochem. Physiol. C Comp. Pharmacol. 60 (1): 11-18. 1978. WR 170
[Dep. Zoophysiol., Univ. Goteborg, Goteborg, Sweden]

78-005370 Jenks, Bruce Giffin THE CONTROL OF SYNTHESIS AND RELEASE OF MELANOPHORE STIMULATING HORMONE IN THE AQUATIC TOAD, /XENOPUS LAEVIS/. Ph.D. dissertation, Simon Fraser Univ. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4090. Mar. 1978. WR 170

78-005371 Jones, R. L. PRELIMINARY COMMENTS ON THE DISTRIBUTION AND ECOLOGY OF /DESMOGNATHUS AENEUS/ IN TENNESSEE. J. Tenn. Acad. Sci. 53 (2): 76. Apr. 1978. Abstract only. WR 170
[Univ Tenn., Knoxville]

78-005372 Kangas, D.; Goldman, P. PREY SELECTION BY TWO SPECIES OF TERRESTRIAL SALAMANDERS. Trans. Mo. Acad. Sci. 10 & 11: 237. 1977. Abstract only. WR 170
[Biol., Northeast Mo. State Univ., Kirksville] /Plethodon glutinosus/ and /P. jordani/.

78-005373 Kinney, Marion Sangster THE PHOTORECEPTORS AND PIGMENT EPITHELIUM OF THE ADULT AND DEVELOPING /XENOPUS/ RETINA: MORPHOLOGY AND OUTER SEGMENT RENEWAL. Ph.D. dissertation, Univ. Calif. (Santa Barbara) 143p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4010. Mar. 1978. WR 170

78-005374 Kramer, David C. VIABILITY OF THE EGGS OF /PSEUDACRIS TRISERIATA/ (AMPHIBIA, ANURA, HYLIDAE). J. Herpetol. 12 (1): 119-120. 27 Feb. 1978. WR 170
[Dep. Biol. Sci., St. Cloud State Univ., St. Cloud, Minn. 56301]

78-005375 Kunstadt, Lawrence Paul THE EFFECTS OF FOREBRAIN ABLATIONS ON SOME BEHAVIORS IN /XENOPUS LAEVIS/. Ph.D. dissertation, City Univ. New York 184p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3588. Feb. 1978. WR 170

78-005376 Labanick, George M.; Schlueter, Raymond A. DIETS OF SYMPATRIC /ACRIS CREPITANS/ AND JUVENILE /BUFO WOODHOUSEI FOWLERI/ IN WESTERN INDIANA. Proc. Indiana Acad. Sci. 86: 460. 1977. Abstract only. WR 170
[Dep. Zool., Southern Ill. Univ., Carbondale 62901]

78-005377 Labanick, George M.; Davis, George T. THE SPERMATOPHORE OF THE SMALL-MOUTHED SALAMANDER, /AMBYSTOMA TEXANUM/ (AMPHIBIA, URODELA, AMBYSTOMATIDAE). J. Herpetol. 12 (1): 111-114. 27 Feb. 1978. WR 170
[Dep. Zool., Southern Ill. Univ., Carbondale 62901]

78-005378 Lamers, W. H.; Vink, C.; Charles, R. ROLE OF THYROID HORMONES IN THE NORMAL AND GLUCOCORTICOSTEROID HORMONE-INDUCED EVOLUTION OF CARBAMOYL-PHOSPHATE SYNTHASE (AMMONIA) ACTIVITY IN AXOLOTL LIVER. Comp. Biochem. Physiol. B Comp. Biochem. 59 (2): 103-110. 1978. WR 170
[Univ. Amsterdam, Mauritskade 61, Amsterdam, Netherlands]
/Ambystoma mexicanum/.

78-005379 Lametschwandtner, Alois; Albrecht, Ursula; Adam, Hans THE VASCULARIZATION OF THE KIDNEYS IN /BUFO BUFO/ (L.), /BOMBINA VARIEGATA/ (L.), /RANA RIDIBUNDA/ (L.) AND /XENOPUS LAEVIS/ (D.) (AMPHIBIA, ANURA) AS REVEALED BY SCANNING ELECTRON MICROSCOPY OF VASCULAR CORROSION CASTS. Acta Zool. (Stockh.) 59 (1): 11-23. 1978. WR 170
[Dep. Zool., Univ. Salzberg, A-5020 Salzberg, Austria]

78-005380 Lipton, Stuart Arthur ELECTRICAL AND ADAPTIVE PROPERTIES OF ROD PHOTORECEPTORS IN /BUFO MARINUS/: INTERRELATED EFFECTS OF CA^{2}, CYCLIC NUCLEOTIDES, AND PROSTAGLANDINS AS INTRACELLULAR MESSENGERS. Ph.D. dissertation, Univ. Pittsburgh 204p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(3):1009. Sept. 1977. WR 170

78-005381 Loman, Jon MACRO- AND MICROHABITAT DISTRIBUTION IN /RANA ARVALIS/ AND /R. TEMPORARIA/ (AMPHIBIA, ANURA, RANIDAE) DURING SUMMER. J. Herpetol. 12 (1): 29-33. 27 Feb. 1978. WR 170
[Dep. Anim. Ecol., Univ. Lund, S223 62 Lund, Sweden]

78-005382 Maxson, Linda R. IMMUNOLOGICAL EVIDENCE PERTAINING TO RELATIONSHIPS BETWEEN OLD WORLD /HYLA ARBOREA/ (AMPHIBIA, ANURA, HYLIDAE) AND NORTH AMERICAN /HYLA/. J. Herpetol. 12 (1): 98-100. 27 Feb. 1978. WR 170
[Dep. Genet. & Development, Univ. Ill., Urbana 61801]

78-005383 McGavin, Maureen RECOGNITION OF CONSPECIFIC ODORS BY THE SALAMANDER /PLETHODON CINEREUS/. Copeia 1978 (2): 356-358. 5 May 1978. WR 170
[Dep. Biol. Sci., State Univ. N.Y., Albany 12222]

78-005384 Mensah-Dwumah, Monica; Daly, John W. PHARMACOLOGICAL ACTIVITY OF ALKOLOIDS FROM POISON-DART FROGS (DENDROBATIDAE). Toxicon 16 (2): 189-194. 1978. WR 170
[Daly: Natl. Inst. Health, Bethesda, Md. 20014]

78-005385 Montague, Jeremy R.; Poinski, Jacques W. NOTE ON BROODING BEHAVIOR IN /DESMOGNATHUS FUSCUS FUSCUS/ (RAF.) (AMPHIBIA, URODELA, PLETHODONTIDAE) IN COLUMBIANA COUNTY, OHIO. J. Herpetol. 12 (1): 104. 27 Feb. 1978. WR 170
[Dep. Biol. Sci., Kent State Univ., Kent, Ohio 44242]

78-005386 Moodie, G. E. E. OBSERVATIONS ON THE LIFE HISTORY OF THE CAECILIAN /TYPHLONECTES COMPRESSICAUDUS/ (DUMERIL AND BIBRON) IN THE AMAZON BASIN. Can. J. Zool. 56 (4, part 2): 1005-1008. Apr. 1978. In English with French summ. WR 170
[Dep. Biol., Univ. Winnipeg, Manitoba, Canada R3B 2E9]

78-005387 Morescalchi, A.; Ingram, G. J. CYTOTAXONOMY OF THE MYOBATRACHID FROGS OF THE GENUS /LIMNODYNASTES/. Experientia (Basel) 34 (5): 584-587. 15 May 1978. WR 170
[Inst. Histol. & Embryol., Univ. Naples, I-80134 Naples, Italy]

78-005388 Mulner, Odile; Thibier, Catherine; Ozon, Rene STEROID BIOSYNTHESIS BY OVARIAN FOLLICLES OF /XENOPUS LAEVIS/ /IN VITRO/ DURING OOGENESIS. Gen. Comp. Endocrinol. 34 (3): 287-295. Mar. 1978. WR 170
[Univ. Pierre & Marie Curie, 9 Quai Saint Bernard, 75005 Paris, France]

78-005389 Munro, E.; Siegel, R. L.; Craig, I. W.; Sly, W. S. CYTOPLASMIC TRANSFER OF A DETERMINANT FOR CHLORAMPHENICOL RESISTANCE BETWEEN MAMMALIAN CELL LINES. Proc. Roy. Soc. Lond. B Biol. Sci. 201 (1142): 57-72. 13 Apr. 1978. WR 170
[Dep. Physiol., Univ. Calif., San Francisco 94143]

78-005390 Noonan, Robert Anthony SEASONAL CONTROL OF CARBOHYDRATE METABOLISM IN THE FROG /RANA PIPIENS/. Ph.D. dissertation, Univ. Mich. 135p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(11):5234. May 1978. WR 170

78-005391 Oguro, Chitaru; Sasayama, Yuichi FUNCTION OF THE PARATHYROID GLAND IN SERUM CALCIUM REGULATION IN THE NEWT, /TYLOTOTRITON ANDERSONI/ BOULENGER. Gen. Comp. Endocrinol. 35 (1): 10-15. May 1978. WR 170
[Dep. Biol., Toyama Univ., Toyama 930, Japan]

78-005392 Parsons, Robert H.; Brady, Robert; Goddard, Bryan; Kernan, Donald SEASONAL EFFECTS ON OSMOTIC PERMEABILITY OF /RANA PIPIENS/ IN VIVO AND IN VITRO. J. Exp. Zool. 204 (3): 347-352. June 1978. WR 170
[Rensselaer Polytech. Inst., Troy, N. Y. 12181]

78-005393 Pauley, Thomas K. PLANTS AS INDICATORS OF OCCURRENCE OF TWO SYMPATRIC /PLETHODON/ SPECIES. Bull. Md. Herpetol. Soc. 14 (1): 29-35. Mar. 1978. WR 170
[Dep. Nat. Sci., Salem Coll., Salem, W. Va. 26426] /Plethodon wehrlei/ and /P. cinereus/ in West Virginia.

78-005394 Pauley, Thomas K. TEMPERATURE AND INSOLATION AS FACTORS REGULATING THE PARTITIONING OF HABITATS BETWEEN TWO SYMPATRIC /PLETHODON/ SPECIES. Proc. W. Va. Acad. Sci. 50 (1): 19-20. 1978. Abstract only. WR 170
[Dep. Nat. Sci., Salem Coll., Salem, W. Va. 26426] /Plethodon cinereus/ and /P. wehrlei/.

78-005395 Pauley, Thomas Kyle MICRODISTRIBUTION OF TWO SYMPATRIC SPECIES OF PLETHODONTID SALAMANDERS. Ph.D. dissertation, W.Va. Univ. 119p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4017. Mar. 1978. WR 170
/Plethodon wehrlei/ and /P. cinereus/.

78-005396 Pav, D. I.; Cowie, R. J. PRELIMINARY STUDY OF BRAIN TO BODY WEIGHT RATIO IN THREE GENERA OF FAMILY PLETHODONTIDAE. J. Tenn. Acad. Sci. 53 (2): 76. Apr. 1978. Abstract only. WR 170
/Leurognathus marmoratus/, /Desmognathus fuscus/ and /Plethodon glutinosus/.

78-005397 Peltz, Richard; Pezzella, Kathleen; Wilson, Addie LENS STRUCTURAL DISORDERS IN THE LEOPARD FROG (/RANA PIPIENS/) SUPPLIED TO THE LABORATORY FROM WILD POPULATIONS. Lab. Anim. Sci. 28 (2): 190-192. Apr. 1978. WR 170
[Wills Eye Res. Inst., 1601 Spring Garden St., Philadelphia, Pa. 19130]

78-005398 Perret, Jean-Luc LES /HYLARANA/ (AMPHIBIENS, RANIDES) DU CAMEROUN. [THE /HYLARANA/ (AMPHIBIA RANIDAE) FROM CAMEROUN.] Rev. Suisse Zool. 84 (4): 841-868. Dec. 1977. In French with English summ. WR 170
[Mus. Hist. Nat., C.P. 284, CH-1211 Geneva 6, Switzerland] A tentative check-list of all african /Hylarana/ species, with synonyms, is given.--From abstr.

78-005399 Perrill, Stephen A.; Gerhardt, H. Carl; Daniel, Richard SEXUAL PARASITISM IN THE GREEN TREE FROG (/HYLA CINEREA/). Science 200 (4346): 1179-1180. 9 June 1978. WR 170
[Dep. Zool., Butler Univ., Indianapolis, Ind. 46208] Abstract: Noncalling adult male tree frogs were found in close association with about 16 percent of the calling males in a pond in Georgia. In 13 of 30 field experiments a noncalling satellite male intercepted and achieved amplexus with a gravid female moving toward the calling male. This strategy, which conserves energy required for calling, resembles the strategy employed by other vertebrates.

78-005400 Pettigrew, Alan; Chung, Shin-Ho; Anson, Michael NEUROPHYSIOLOGICAL BASIS OF DIRECTIONAL HEARING IN AMPHIBIA. Nature 272 (5649): 138-142. 9 Mar. 1978. WR 170
[Natl. Inst. Med. Res., London NW7, England] /Rana temporaria/ and /R. esculenta/.

78-005401 Pikulik, M. M. EXPERIMENTAL STUDY OF GROWTH AND DEVELOPMENT OF /RANA TEMPORARIA/ LARVAE UNDER NATURAL CONDITIONS. Sov. J. Ecol. (Engl. Transl. Ekologiya) 8 (3): 275-278. May-June 1977. Translated from Ekologiya no. 3: 98-101. May-June 1977. WR 170

78-005402 Putnam, J. L.; Kelly, D. L. A NEW INTERPRETATION OF INTERATRIAL SEPTATION IN THE LUNGLESS SALAMANDER, /PLETHODON GLUTINOSUS/. Copeia 1978 (2): 251-254. 5 May 1978. WR 170
[Dep. Biol., Davidson Coll., Davidson, N.C. 28036]

78-005403 Pyburn, William F. THE VOICE AND RELATIONSHIP OF THE TREEFROG /HYLA HOBBSI/ (ANURA: HYLIDAE). Proc. Biol. Soc. Wash. 91 (1): 123-131. 3 May 1978. WR 170
[Dep. Biol., Univ. Tex., Arlington 76019] Comparison with /H. punctata/.

78-005404 Redmond, W. H.; Jones, R. L. PRELIMINARY COMMENTS ON THE DISTRIBUTION AND ECOLOGY OF /DESMOGNATHUS WELTERI/ (BLACK MOUNTAIN DUSKY SALAMANDER) IN TENNESSEE. J. Tenn. Acad. Sci. 53 (2): 76. Apr. 1978. Abstract only. WR 170
[Univ. Tenn., Knoxville]

78-005405 Robertson, Douglas R. THE LIGHT-DARK CYCLE AND NONLINEAR ANALYSIS OF LUNAR PERTURBATIONS AND BAROMETRIC PRESSURE ASSOCIATED WITH THE ANNUAL LOCOMOTOR ACTIVITY OF THE FROG, /RANA PIPIENS/. Biol. Bull. 154 (2): 302-321. Apr. 1978. WR 170
[Dep. Anatomy, State Univ. N.Y., Upstate Med. Cent., Syracuse 13210]

78-005406 Robertson, Nancy Phyllis STRUCTURAL CARBOHYDRATES OF YOLK PLATELETS FROM EARLY DEVELOPMENTAL STAGES OF THE SOUTH AFRICAN CLAWED TOAD, /XENOPUS LAEVIS/. Ph.D. dissertation, Univ. Calif. (Berkeley) 184p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3517. Feb. 1978. WR 170

78-005407 Rocek, Zbynek ON THE FORM /TRITURUS ALPESTRIS LACUSNIGRI/ (SELISKAR AND PEHANI, 1935). Br. J. Herpetol. 5 (9): 679-683. Dec. 1977. WR 170
[Dep. Paleontology, Charles Univ., Albertov 6, 128 43 Prague 2, Czechoslovakia]

78-005408 Roth, Gerhard THE ROLE OF STIMULUS MOVEMENT PATTERNS IN THE PREY CATCHING BEHAVIOR OF /HYDROMANTES GENEI/ (AMPHIBIA, PLETHODONTIDAE). J. Comp. Physiol. A. Sens. Neural Behav. Physiol. 123 (3): 261-264. 24 Feb. 1978. WR 170
[Univ. Bremen, Achterstrasse, D-2800 Bremen, West Germany]

78-005409 Rundquist, Eric M. THE SPRING PEEPER, /HYLA CRUCIFER/ WIED (ANURA, HYLIDAE) IN KANSAS. Trans. Kans. Acad. Sci. 80 (3&4): 155-158. 1977. WR 170
[Mus. Nat. Hist., Univ. Kans., Lawrence 66045]

78-005410 Schlaghecke, R.; Blum, V. SEASONAL VARIATIONS IN LIVER METABOLISM OF THE GREEN FROG /RANA ESCULENTA/ (L.). Experientia (Basel) 34 (4): 456-457. 15 Apr. 1978. WR 170
[Ruhr-Univ.-Bochum, D-4630 Bochum 1, West Germany]

78-005411 Schuetz, Allen W.; Selman, Kelly; Samson, Douglas ALTERATIONS IN GROWTH, FUNCTION AND COMPOSITION OF /RANA PIPIENS/ OOCYTES AND FOLLICLES ASSOCIATED WITH MICROSPORIDIAN PARASITES. J. Exp. Zool. 204 (1): 81-94. Apr. 1978. WR 170
[Johns Hopkins Univ., 615 North Wolfe St., Baltimore, Md. 21205]

78-005412 Schwabe, Horst; Hemmer, Helmut BEZIEHUNGEN ZWISCHEN NAHRUNGSAUFNAHME UND WACHSTUM BEI DER KREUZKROETE--/BUFO CALAMITA/ LAUR. (AMPHIBIA: ANURA: BUFONIDAE). [RELATIONSHIPS BETWEEN FEEDING AND GROWTH IN THE NATTERJACK TOAD--/BUFO CALAMITA/ LAUR. (AMPHIBIA: ANURA: BUFONIDAE).] Zool. Anz. 199 (5/6): 386-393. 1977. In German with English summ. WR 170
[Rheinische Friedrich-Wilhelms-Univ., Poppelsdorfer Schloss, D-5300 Bonn, West Germany]

78-005413 Sessions, Stanley K. THE CHROMOSOMES OF /ANOTHECA SPINOSA/ (STEJNEGER), FAMILY HYLIDAE. Herpetologica 34 (1): 70-73. Mar. 1978. WR 170
[Dep. Biol., Univ. Oreg., Eugene 97403]

78-005414 Sever, David M. MALE CLOACAL GLANDS OF /PLETHODON CINEREUS/ AND /PLETHODON DORSALIS/ (AMPHIBIA: PLETHODONTIDAE). Herpetologica 34 (1): 1-20. Mar. 1978. WR 170
[Dep. Biol., Saint Mary's Coll., Notre Dame, Ind. 46556]

78-005415 Sexton, Owen J.; Bizer, John R. LIFE HISTORY PATTERNS OF /AMBYSTOMA TIGRINUM/ IN MONTANE COLORADO. Am. Midl. Nat. 99 (1): 101-118. Jan. 1978. WR 170
[Dep. Biol., Washington Univ., St. Louis, Mo. 63130]

78-005416 Shaffer, H. Bradley RELATIVE PREDATION PRESSURE ON SALAMANDERS (CAUDATA: PLETHODONTIDAE) ALONG AN ALTITUDINAL TRANSECT IN GUATEMALA. Copeia 1978 (2): 268-272. 5 May 1978. WR 170
[Committee Evolutionary Biol., Univ. Chicago, Chicago, Ill. 60637]
Data for 10 spp.

78-005417 Sherman, Elizabeth CARDIOVASCULAR RESPONSES OF TOADS TO THERMAL STRESS AND WATER DEPRIVATION. Ph.D. dissertation, Univ. Vt. 106p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(4):1607. Oct. 1977. WR 170
/Bufo marinus/ and /B. americanus/.

78-005418 Singh, K. SERUM IRON LEVEL OF THE COMMON INDIAN FROG /RANA TIGRINA/ DAUD. Experientia (Basel) 34 (4): 433-434. 15 Apr. 1978. WR 170
[Dep. Zool., Bareilly Coll., Bareilly-243001, India]

78-005419 Singh, Kavindra BLOOD CREATININE OF COMMON INDIAN FROG /RANA TIGRINA/. J. Anim. Morphol. Physiol. 24 (2): 403-405. Dec. 1977. WR 170
[Dep. Zool., Bareilly Coll., Bareilly -243001, India]

78-005420 Singh, Kavindra SERUM ALKALINE PHOSPHATASE ACTIVITY IN COMMON INDIAN FROG /RANA TIGRINA/. J. Anim. Morphol. Physiol. 24 (2) : 399-402. Dec. 1977. WR 170
[Dep. Zool., Bareilly Coll., Bareilly -243001, India]

78-005421 Stenroos, Orrie O. A COMPACT HOLDING TANK FOR MAINTAINING LARGE NUMBERS OF TADPOLES (AMPHIBIA, ANURA). J. Herpetol. 12 (1): 97-98. 27 Feb. 1978. WR 170
[Dep. Biol., Lynchburg Coll., Lynchburg, Va. 24501] /Rana catesbeiana/.

78-005422 Sweet, Samuel S. ON THE STATUS OF /EURYCEA PTEROPHILA/ (AMPHIBIA: PLETHODONTIDAE). Herpetologica 34 (1): 101-108. Mar. 1978. WR 170
[Dep. Biol. Sci., Univ. Calif., Santa Barbara 93106]

78-005423 Syuzyumova, L. M.; Lyubashevskii, N. M.; Ivanova, N. L.; Grebennikova, S. I. INFLUENCE OF CONDITIONS OF DEVELOPMENT OF LARVAL AMPHIBIANS ON SKELETAL FORMATION AND THE CHARACTERISTICS OF HEMOPOIESIS. Sov. J. Ecol. (Engl. Transl. Ekologiya) 8 (3): 242-248. May-June 1977. Translated from Ekologiya no. 3: 63-70. May-June 1977. WR 170
/Rana arvalis/.

78-005424 Tarnowski, Betty I. THE EFFECTS OF CHLORINE ON THE DEVELOPMENT OF /RANA PIPIENS/ EGGS: PRELIMINARY RESULTS. Proc. Indiana Acad. Sci. 86: 453-454. 1977. Abstract only. WR 170
[Butler Univ., Indianapolis, Ind. 46208]

78-005425 Taylor, Douglas H.; Adler, Kraig THE PINEAL BODY: SITE OF EXTRAOCULAR PERCEPTION OF CELESTIAL CUES FOR ORIENTATION IN THE TIGER SALAMANDER (/AMBYSTOMA TIGRINUM/). J. Comp. Physiol. A Sens. Neural Behav. Physiol. 124 (4): 357-361. 1978. WR 170
[Dep. Zool., Miami Univ., Oxford, Ohio 45056]

78-005426 Tilley, Stephen G.; Merritt, Robert B.; Wu, Barbara; Highton, Richard GENETIC DIFFERENTIATION IN SALAMANDERS OF THE /DESMOGNATHUS OCHROPHAEUS/ COMPLEX (PLETHODONTIDAE). Evolution 32 (1): 93-115. Mar. 1978. WR 170
[Dep. Biol. Sci., Smith Coll., Northampton, Mass. 01063]

78-005427 Toews, Dan; Boutilier, Robert; Todd, Len; Fuller, Nancy CARBONIC ANHYDRASE IN THE AMPHIBIA. Comp. Biochem. Physiol. A Comp. Physiol. 59 (2): 211-213. 1978. WR 170
[Dep. Biol., Acadia Univ., Wolfville, Nova Scotia, Canada B0P 1X0] /Ambystoma tigrinum/ and /Rana catesbeiana/.

78-005428 Toews, Dan; Macintyre, Doug RESPIRATION AND CIRCULATION IN AN APODAN AMPHIBIAN. Can. J. Zool. 56 (4, part 2): 998-1004. Apr. 1978. In English with French summ. WR 170
[Dep. Biol., Acadia Univ., Wolfville, Nova Scotia, Canada] /Typhlonectes Compressicauda/.

78-005429 Toporkova, L. Ya.; Klimenko, I. A. INFLUENCE OF PHOTOPERIOD ON THE GROWTH AND DEVELOPMENT OF FROGS OF THE GENUS /RANA/. Sov. J. Ecol. (Engl. Transl. Ekologiya) 8 (3): 278-280. May-June 1977. Translated from Ekologiya no. 3: 101-103. May-June 1977. WR 170
/Rana camerani/, /R. macrocnemis/ and /R. arvalis/.

78-005430 Uray, Nandor Jozsef DEVELOPMENT OF THE CEREBELLUM IN THE FROG, /RANA CATESBEIANA/. Ph.D. dissertation, Coll. Med. & Denistry, N.J. Graduate School Biomed. Sci. 139p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(5):1992. Nov. 1977. WR 170

78-005431 Vaudry, Hubert; Oliver, Charles; Jegou, Sylvie; Leboulenger, Francois; Tonon, Marie-Christine; Delarue, Catherine; Morin, Jean-Paul; Vaillant, Rene IMMUNOREACTIVE MELANOCYTE-STIMULATING HORMONE (ALPHA-MSH) IN THE BRAIN OF THE FROG (/RANA ESCULENTA/ L.). Gen. Comp. Endocrinol. 34 (4): 391-401. Apr. 1978. WR 170
[Lab. Endocrinol., 76130 Mont-Saint-Aignan, France]

78-005432 Vitvitsky, V. N. [COMPARATIVE STUDY OF HAEMOGLOBINS IN AMPHIBIA OF DIFFERENT THERMOPHILES. II. DIFFERENCES IN SPECIES THERMORESISTANCE AND RESISTANCE TO SOME DENATURATORS OF /RANA RIDIBUNDA/ AND /RANA TEMPORARIA/ HAEMOGLOBINS.] Biol. Nauki (Mosc.) 1977 (7): 30-37. July 1977. In Russian. WR 170

78-005433 Weber, Ernst DIE AENDERUNG DER BEFREIUNGSRUFE MITTELEUROPAEISCHER ANUREN (AMPHIBIA) NACH AUSSCHALTUNGEN IM BEREICH DES MUNDRAUMES UND DER LUNGEN. [MODIFICATION OF RELEASE CALLS IN MID-EUROPEAN ANURANS (AMPHIBIA) AFTER REMOVAL OF PARTS OF THE BUCCAL CAVITY AND THE LUNGS.] Zool. Anz. 199 (5/6): 405-426. 1977. In German with English summ. WR 170
[Univ. Bonn, Poppelsdorfer Schloss, D-5300 Bonn, West Germany] /Bufo bufo/, /B. calamita/, /B. viridis/, /Rana esculenta/, /R. ridibunda/ and /R. temporaria/.

78-005434 Weber, Ernst DISTRESS CALLS OF /BUFO CALAMITA/ AND /B. VIRIDIS/ (AMPHIBIA: ANURA). Copeia 1978 (2): 354-356. 5 May 1978. WR 170
[Zool. Inst., Univ. Bonn, Poppelsdorfer Schloss, D-5300 Bonn, West Germany]

78-005435 Wijnands, H. F. J. DISTRIBUTION AND HABITAT OF /RANA ESCULENTA/ COMPLEX IN THE NETHERLANDS. Neth. J. Zool. 27 (3): 277-286. Sept. 1977. WR 170
[Dep. Anim. Ecol., Univ. Nijmegen, Toernooiveld, Nijmegen, Netherlands]

78-005436 Woolley, H. Patrick THE EVOLUTION OF A MIMICRY COMPLEX IN SALAMANDERS. Trans. Kans. Acad. Sci. 79 (1&2): 57. 1976. Abstract only. WR 170
[Kans. State Univ., Manhattan] Studies of 3 spp.

78-005437 Wunk, Daniel Franklin INPUT ORGANIZATION OF TIGER SALAMANDER RETINAL GANGLION CELLS. Ph.D. dissertation, Univ. Calif. (Berkeley) 124p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8): 3577. Feb. 1978. WR 170
/Ambystoma tigrinum/.

78-005438 Zipko, Stephen J. PATTERNS OF REPRODUCTION IN NEW JERSEY AMPHIBIANS. N.J. Audubon 3 (3): 43-50. Mar. 1977. WR 170
[Randolph Intermediate School, Randolph, N.J. 07801]

REPTILES

78-005439 Acharjyo, L. N.; Misra, R. ASPECTS OF REPRODUCTION AND GROWTH OF THE INDIAN PYTHON, /PYTHON MOLURUS MOLURUS/, IN CAPTIVITY. Br. J. Herpetol. 5 (7): 562-565. Dec. 1976. WR 170
[Nandankanan Biol. Park, P.O. Barang, Dist: Cuttack, Orissa, India]

78-005440 Allen, A. CHANGES IN POPULATION DENSITY OF THE EYED LIZARD, /LACERTA LEPIDA/, AT THREE LOCALITIES IN PORTUGAL BETWEEN 1969 AND 1975. Br. J. Herpetol. 5 (9): 661-662. Dec. 1977. WR 170
[Imperial Coll. Field Stn., Silwood Park, Ascot, Berkshire, England]

78-005441 Nishima, S.; Tseng, C.-S.; Toriba, M.; Lim, B.-L.; Ramachandran, C. P.; Devaraj, T.; Phong-Aksara, S.; Romer, J. D. [STUDY ON SEASNAKES AND THE BITES IN MALAYSIA, THAILAND AND HONG KONG.] Snake 9 (2): 48-62. Jan. 1978. In Japanese with English summ. WR 170
[Japan Snake Inst., Yabuzuka-honmachi, Nittagun, Gunma Prefecture 379-23, Japan]

78-005442 Andersen, Philip Roger STUDIES ON REPTILIAN TYPE-C ONCORNAVIRUSES. Ph.D. dissertation, Univ. Del. 139p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(4):1599. Oct. 1977. WR 170

78-005443 Andren, Claes THE REPTILE FAUNA IN THE LOWER ALPINE ZONE OF ABERDARE AND MT. KENYA. Br. J. Herpetol. 5 (7): 566-575. Dec 1976. WR 170
[Dep. Zool., Univ. Gothenburg, Gothenburg, Sweden]

78-005444 Arslan, M.; Zaidi, P.; Lobo, J.; Zaidi, A. A.; Qazi, M. H. STEROID LEVELS IN PREOVULATORY AND GRAVID LIZARDS (/UROMASTIX HARDWICKI/). Gen. Comp. Endocrinol. 34 (3): 300-303. Mar. 1978. WR 170
[Dep. Biol. Sci., Quaid-i-Azam Univ., Islamabad, Pakistan]

78-005445 Avery, R. A. ACTIVITY PATTERNS, THERMOREGULATION AND FOOD CONSUMPTION IN TWO SYMPATRIC LIZARD SPECIES (/PODARCIS MURALIS/ AND /P. SICULA/) FROM CENTRAL ITALY. J. Anim. Ecol. 47 (1): 143-158. Feb. 1978. WR 170
[Dep. Zool., Univ. Bristol, Bristol BS8 1UG, England]

78-005446 Ayala, Stephen C.; Moreno, Edgardo; Bolanos, Roger /PLASMODIUM PESSOAI/ SP. N. FROM TWO COSTA RICAN SNAKES. J. Parasitol. 64 (2): 330-335. Apr. 1978. WR 170
[Tulane Univ. Int. Cent. Med. Res., Aptdo. Aero 5390, Cali, Colombia] /Spilotes pullatus/ and /Lachesis muta/.

78-005447 Ayala, Stephen C. CHECKLIST, HOST INDEX, AND ANNOTATED BIBLIOGRAPHY OF /PLASMODIUM/ FROM REPTILES. J. Protozool. 25 (1): 87-100. Feb. 1978. WR 170
[Univ. Del Valle, Apartado aero 5390, Cali, Colombia]

78-005448 Baby, T. C.; Reddy, S. Raghupathi Rami NITROGENOUS CONSTITUENTS IN THE URINARY DEPOSITS OF THE LIZARD /CALOTES VERSICOLOR/. Br. J. Herpetol. 5 (9): 649-653. Dec. 1977. WR 170
[Dep. Zool., Univ. Poona, Poona, Maharashtra 411007, India]

78-005449 Barzilay, Moshe; Kaminsky, Ella; Condrea, Eleonora EXPOSURE OF HUMAN RED BLOOD CELL MEMBRANE PHOSPHOLIPIDS TO SNAKE VENOM PHOSPHOLIPASES. A--II. HYDROLYSIS OF SUBSTRATES IN INTACT AND RESEALED CELLS BY PHOSPHOLIPASE FROM RINGHALS (/HEMACHATUS HAEMACHATES/) VENOM: EFFECT OF CALCIUM IONS. Toxicon 16: (2): 153-161. 1978. WR 170
[Tel-Aviv Med. School, Tel-Aviv, Israel]

78-005450 Barzilay, Moshe; de Vries, Andre; Condrea, Eleonora EXPOSURE OF HUMAN RED BLOOD CELL MEMBRANE PHOSPHOLIPIDS TO SNAKE VENOM PHOSPHOLIPASES. A--I. HYDROLYSIS OF SUBSTRATES BY /VIPERA PALAESTINAE/ PHOSPHOLIPASE FROM WITHIN RESEALED RED CELLS. Toxicon 16 (2): 145-152. 1978. WR 170
[Tel-Aviv Univ. Med. School, Tel-Aviv, Israel]

78-005451 Bethea, Cynthia L.; Walker, Richard F. PARIETAL EYE-PINEAL GLAND INTERACTIONS IN THE LIZARD /SCELOPORUS OCCIDENTALIS/ (REPTILIA, LACERTILIA, IGUANIDAE). J. Herpetiol. 12 (1): 83-87. 27 Feb. 1978. WR 170
[Dep. Physiol., Emory Univ., Atlanta, Ga. 30322]

78-005452 Bhatnagar, R. K.; Bhanotar, R. K. BEHAVIOUR, COLORATION, LEPIDOSIS AND PRE-ANO-FEMORAL PORES IN JUVENILES OF /UROMASTIX HARDWICKII/ GRAY. J. Bombay Nat. Hist. Soc. 74 (2): 364-365. Aug. 1977. WR 170
[Entomol. Div., Indian Agric. Res. Inst., New Delhi, India]

78-005453 Biswas, S. NESTING BEHAVIOUR OF ESTUARINE CROCODILE, /C. POROSUS/ SCHNEIDER. J. Bombay Nat. Hist. Soc. 74 (2): 361. Aug. 1977. WR 170
[Zool. Surv. India, 27 Chowringhee Rd., Calcutta 700 016, India]

78-005454 Bolanos, R.; Munoz, G.; Cerdas, L. TOXICIDAD, NEUTRALIZACION E IMMUNOELECTROFORESIS DE LOS VENENOS DE /LACHESIS MUTA/ DE COSTA RICA Y COLOMBIA. [TOXICITY, NEUTRALIZATION AND IMMUNOELECTROPHORESIS OF THE VENOM OF /LACHESIS MUTA/ FROM COSTA RICA AND COLOMBIA.] Toxicon 16 (3): 295-300. 1978. In Spanish with English summ. WR 170
[Inst. Clodomiro Picado, Univ. Costa Rica, Ciudad Universitaria, Costa Rica]

78-005455 Bourn, D.; Coe, M. THE SIZE, STUCTURE AND DISTRIBUTION OF THE GIANT TORTOISE POPULATION OF ALDABRA. Philos. Trans. R. Soc. Lond. B Biol. Sci. 282 (988): 139-175. 3 Feb. 1978. WR 170
[Zool. Dep., Oxford Univ., South Parks Rd., Oxford OX1 3PS, England] /Geochelone gigantea/.

78-005456 Bourne, A. R.; Seamark, R. F. SEASONAL VARIATION IN STEROID BIOSYNTHESIS BY THE TESTIS OF THE LIZARD /TILIQUA RUGOSA/. Comp. Biochem. Physiol. B Comp. Biochem. 59 (4): 363-367. 1978. WR 170
[Dep. Biol./Health Sci., Deakin Univ., Box 125, Belmont, Victoria 3216, Australia]

78-005457 Branch, W. R.; Wade, E. O. Z. HEMIPENIAL MORPHOLOGY OF BRITISH SNAKES. Br. J. Herpetol. 5 (7): 548-557. Dec. 1976. WR 170
[Dep. Biol., Univ. Southampton, Southampton, England]

78-005458 Branch, W. R. THE VENOMOUS SNAKES OF SOUTHERN AFRICA. PART I. INTRODUCTION AND VIPERIDAE. Snake 9 (2): 67-86. Jan. 1978. In English with Japanese summ. WR 170
[Dep. Biol., Univ. Southampton, Southampton SO9 3TU, England]
Abstract: A total of 31 species of venomous snake occur in southern Africa including 11 species of viper, 16 species of elapid, and no less than 4 species of colubrid. The taxonomy, characteristics, biology and distribution of these species, and where applicable subspecies, are discussed.

78-005459 Bull, James Jeffrey EVOLUTION IN KARYOTYPES: I. SEX DETERMINATION, AND II. CHROMOSOMES OF SIDE NECKED TURTLES. Ph.D. dissertation, Univ. Utah 146p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(4):1509. Oct. 1977. WR 170

78-005460 Cameron, H. D.; Gans, C. THE AMPHISBAENA OF ANTIQUITY: THOUGHTS ABOUT THE ORIGIN OF THE NAME. Br. J. Herpetol. 5 (8): 603-606. June 1977. WR 170
[Univ. Mich., Ann Arbor 48109]

78-005461 Castanet, Jacques LES MARQUES DE CROISSANCE OSSEUSE COMME INDICATEURS DE L'AGE CHEZ LES LEZARDS. [SKELETAL ANNULATIONS AS AGE INDICATORS IN LIZARDS.] Acta Zool. (Stockh.) 59 (1): 35-48. 1978. In French with English summ. WR 170
[Univ. Paris VII, 2 place Jussieu, F-75 221 Paris Cedex 05, France]

78-005462 Catling, P. M.; Freedman, W. MELANISTIC BUTLER'S GARTER SNAKES (/THAMNOPHIS BUTLERI/) AT AMHERSTBURG, ONTARIO. Can. Field-Nat. 91 (4): 397-399. Oct.-Dec. 1977. WR 170
[Dep. Botany, Univ. Toronto, Toronto, Ontario M5S 1A1, Canada]

78-005463 Cherdchu, Chainarong; Viriyakijja, Jintana; Patanabanangkoon, Kavi CONCENTRATION AND DESALTING OF SNAKE VENOM COMPONENTS BY MEMBRANE ULTRAFILTRATION. Toxicon 16 (2): 201-202. 1978. WR 170
[Dep. Pharmacol., Pra Mongkutklao Coll. Med., 315 Rajrithi Rd., Bangkok 4, Thailand]

78-005464 Cloudsley-Thompson, J. L. SOME ASPECTS OF THE BIOLOGY OF /AMPHISBAENA ALBA/ L. Br. J. Herpetol. 5 (8): 617-621. June 1977. WR 170
[Dep. Zool., Birbeck Coll., Univ. London, London WC1E 7HX, England]

78-005465 Cloudsley-Thompson, J. L.; Butt, D. K. THERMAL BALANCE IN THE TORTOISE AND ITS RELEVANCE TO DINOSAUR EXTINCTION. Br. J. Herpetol. 5 (9): 641-647. Dec. 1977. WR 170
[Dep. Zool., Birbeck Coll., Univ. London, London WC1E 7HX, England]

78-005466 Collins, Joseph T. REDISCOVERY OF THE WESTERN COTTONMOUTH (/AGKISTRODON PISCIVORUS LEUCOSTOMA/) IN SOUTHEASTERN KANSAS. Trans. Kans. Acad. Sci. 80 (182): 71-74. 1977. WR 170
[Mus. Nat. Hist., Univ. Kans., Lawrence]

78-005467 Conant, Roger; Berry, James F. TURTLES OF THE FAMILY KINOSTERNIDAE IN THE SOUTHWESTERN UNITED STATES AND ADJACENT MEXICO: IDENTIFICATION AND DISTRIBUTION. Am. Mus. Novit. no. 2642. p. 1-18. 5 Jan. 1978. Price $1.45. WR 170
[Dep. Herpetol., Am. Mus. Nat. Hist., New York, N.Y. 10024] Taxa involved are /Kinosternon flavescens flavescens/, /K. hirtipes murrayi/, /K. sonoriense/, /K. subrubrum hippocrepis/, /Sternotherus carinatus/, and /S. odoratus/.--From abstr.

78-005468 Congdon, Justin D.; King, William W.; Nagy, Kenneth A. VALIDATION OF THE HTO-18 METHOD FOR DETERMINATION OF CO(2) PRODUCTION OF LIZARDS (GENUS /SCELOPORUS/). Copeia 1978 (2): 360-362. 5 May 1978. WR 170
[Mus. Zool., Univ. Mich., Ann Arbor 48109]

78-005469 Congdon, Justin Daniel ENERGETICS OF THE MONTANE LIZARD /SCELOPORUS JARROVI/: A MEASUREMENT OF REPRODUCTIVE EFFORT. Ph.D. dissertation, Ariz. State Univ. 122p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(11):5209. May 1978. WR 170

78-005470 Coulson, Roland A.; Herbert, Jack K.; Hernandez, Thomas ENERGY FOR AMINO ACID ABSORPTION, TRANSPORT AND PROTEIN SYNTHESIS /IN VIVO/. Comp. Biochem. Physiol. A Comp. Physiol. 60 (1): 13-20. 1978. WR 170
[Dep. Biochem., LSU Med. Cent., 1542 Tulane Ave., New Orleans, La. 70112] /Alligator mississippiensis/ and /Caiman crocodilus crocodilus/.

78-005471 Cox, William A.; Marion, Ken R. OBSERVATIONS ON THE FEMALE REPRODUCTIVE CYCLE AND ASSOCIATED PHENOMENA IN SPRING-DWELLING POPULATIONS OF /STERNOTHERUS MINOR/ IN NORTH FLORIDA (REPTILIA: TESTUDINES). Herpetologica 34 (1): 20-33. Mar. 1978. WR 170
[Dep. Biol., Univ. Ala., Birmingham 35294]

78-005472 Cuchens, Marvin Agusta LYMPHOCYTE HETEROGENEITY IN TELEOSTS AND REPTILES. Ph.D. dissertation, Univ. Fla. 176p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(11):5270. May 1978. WR 170
/Alligator mississippiensis/.

78-005473 Dalrymple, George Henry VARIATION IN THE CRANIAL FEEDING MECHANISM OF TURTLES OF THE GENUS /TRIONYX/ GEOFFROY. Ph.D. dissertation, Univ. Toronto 1975. From Diss. Abstr. Int. B Sci. Eng. 38(9):4106. Mar. 1978. WR 170

78-005474 Darevsky, I. S.; Shcherbak, N. N. /EREMIAS ANDERSONI/, A NEW LIZARD (REPTILIA, LACERTILIA, LACERTIDAE) FROM IRAN. J. Herpetol. 12 (1): 13-15. 27 Feb. 1978. WR 170
[Zool. Inst., Acad. Sci., Leningrad, USSR]

78-005475 Darevsky, I. S.; Kupriyanova, L. A.; Bakradze, M. A. OCCASIONAL MALES AND INTERSEXES IN PARTHENOGENTIC SPECIES OF CAUCASIAN ROCK LIZARDS (GENUS /LACERTA/). Copeia 1978 (2): 201-207. 5 May 1978. WR 170
[Zool. Inst., Acad. Sci. USSR, 199164 Leningrad, USSR]

78-005476 DeRosa, Christopher T.; Taylor, Douglas H. SUN-COMPASS ORIENTATION IN THE PAINTED TURTLE, /CHRYSEMYS PICTA/ (REPTILIA, TESTUDINES, TESTUDINIDAE). J. Herpetol. 12 (1): 25-28. 27 Feb. 1978. WR 170
[Dep. Zool., Miami Univ., Oxford, Ohio 45056]

78-005477 Devine, Michael Charles CHEMISTRY AND SOURCE OF SEX-ATTRACTANT PHEROMONES AND THEIR ROLE IN MATE DISCRIMINATION BY GARTER SNAKES. Ph.D. dissertation, Univ. Mich. 73p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(6):2569. Dec. 1977. WR 170
/Thamnophis sirtalis/ and /T. butleri/ in Michigan.

78-005478 Dreves, Robert C.; Leviton, Alan E. REDISCOVERY OF /LAMPROPELTIS MITIDA/ VAN DENBURGH (REPTILIA, SERPENTES, COLUBRIDAE) IN BAJA CALIFORNIA SUR, MEXICO. J. Herpetol. 12 (1): 102-103. 27 Feb. 1978. WR 170
[Calif. Acad. Sci., San Francisco 94118]

78-005479 Duda, P. L.; Kaul, Opendar SUBTUNIC LEYDIG CELLS IN THE TESTES OF /AGAMA TUBERCULATA/ (GRAY). Br. J. Herpetol. 5 (6): 539-541. June 1976. WR 170
[Dep. Bio-Sci., Univ. Jammu, Jammu, Tawi 180001, India]

78-005480 Echelle, Alice F.; Echelle, Anthony A.; Fitch, Henry S. INTER- AND INTRASPECIFIC ALLOMETRY IN A DISPLAY ORGAN: THE DEWLAP OF /ANOLIS/ (IGUANIDAE) SPECIES. Copeia 1978 (2): 245-250. 5 May 1978. WR 170
[Biol. Dep., Baylor Univ., Waco, Tex. 76706] Data for 22 forms (21 spp.).

78-005481 Elghammer, H. W.; Johnson, R. E.; Swan, R. O. A NEW USE FOR AN OLD ANIMAL, THE EASTERN BOX TURTLE (/TERRAPENE CAROLINA CAROLINA/). Trans. Mo. Acad. Sci. 10 & 11: 325. 1977. Abstract only. WR 170
[Knox Coll., Galesburg, Ill. 61401]

78-005482 Elkan, E. THE MICRO-ANATOMY OF THE SKIN OF /OPHISAURUS APODUS/ PALLAS (ANGUIDAE, SAURIA). Br. J. Herpetol. 5 (6): 529-532. June 1976. WR 170
[Dep. Histopathol., Mt. Vernon Hospital, Northwood, Middlesex, England]

78-005483 Elkan, E. NOTES ON FEVERISH LIZARDS AND /PSEUDOMONAS AERUGINES/. Br. J. Herpetol. 5 (6): 545-546. June 1976. WR 170
[Dep. Histopathol., Mt. Vernon Hospital, Northwood, Middlesex, England]

78-005484 Ellis, Hugh I.; Ross, James P. FIELD OBSERVATIONS OF COOLING RATES OF GALAPAGOS LAND IGUANAS (/CONOLOPHUS SUBCRISTATUS/). Comp. Biochem. Physiol. A Comp. Physiol. 59 (2): 205-209. 1978. WR 170
[Dep. Zool., Iowa State Univ., Ames 50011]

78-005485 Feaver, Paul Edward THE DEMOGRAPHY OF A MICHIGAN POPULATION OF /NATRIX SIPEDON/ WITH DISCUSSIONS OF OPHIDIAN GROWTH AND REPRODUCTION. Ph.D. dissertation, Univ. Mich. 140p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(6):2570. Dec. 1977. WR 170

78-005486 Fitzpatrick, L. C.; Hughes, J. L.; Venables, B. J. RELATIONS BETWEEN PREFERRED BODY TEMPERATURES AND METABOLIC COMPENSATION IN THE RUSTY LIZARD /SCELOPORUS OLIVACEUS/. Comp. Biochem. Physiol. A Comp. Physiol. 59 (1): 13-16. 1978. WR 170
[Dep. Biol. Sci., North Tex. State Univ., Denton 76203]

78-005487 Francis, E. T. B. AMPHISBAENIA: HEART AND ARTERIAL ARCHES. Br. J. Herpetol. 5 (8): 607-610. June 1977. WR 170
[Dep. Zool., Univ. Sheffield, Sheffield, England]

78-005488 Froese, Arnold D. HABITAT PREFERENCES OF THE COMMON SNAPPING TURTLE, /CHELYDRA S. SERPENTINA/ (REPTILIA, TESTUDINES, CHELYDRIDAE). J. Herpetol. 12 (1): 53-58. 27 Feb. 1978. WR 170
[Dep. Individual & Group Behav., Sterling Coll., Sterling, Kans. 67579]

78-005489 Frye, Fredric L. NECROPSY TECHNIQUES IN REPTILES. Auburn Vet. 34 (2): 51-53. 1978. WR 170
[Univ. Calif., Davis]

78-005490 Funk, Richard S.; Tucker, John K. VARIATION IN A LARGE BROOD OF LINED SNAKES, /TROPIDOCLONION LINEATUM/ (REPTILIA, SERPENTES, COLUBRIDAE). J. Herpetol. 12 (1): 115-117. 27 Feb. 1978. WR 170
[Dep. Biol. Sci., Ill. State Univ., Normal 61761]

78-005491 Gallo, Joseph P., Jr.; Reese, Keith NOTES ON THE HATCHING OF EGGS AND DESCRIPTION OF THE HATCHLINGS OF THE RETICULATED GECKO, /COLEONYX RETICULATUS/ DAVIS & DIXON (LACERTILIA: EUBLEPHARIDAE). Southwest. Nat. 23 (2): 308-309. 20 Mar. 1978. WR 170
[1951 Autumn Meadow Trail, Dallas, Tex. 75232]

78-005492 Gans, C. THE BIOLOGICAL ROLES OF TAXONOMIC CHARACTERISTICS UTILIZED IN AMPHISBAENIAN CLASSIFICATION. Br. J. Herpetol. 5 (8): 611-615. June 1977. WR 170
[Dep. Biol. Sci., Univ. Mich., Ann Arbor 48109]

78-005493 Gans, Carl LOCOMOTOR RESPONSES OF /CALOTES/ TO WATER (AGAMIDAE: SAURIA). J. Bombay Nat. Hist. Soc. 74 (2): 361-363. Aug. 1977. WR 170
[Div. Biol. Sci., Univ. Mich., Ann Arbot 48109]

78-005494 Garrick, Leslie D.; Lang, Jeffrey W.; Herzog, Harold A., Jr. SOCIAL SIGNALS OF ADULT AMERICAN ALLIGATORS. Bull. Am. Mus. Nat. Hist. 160 (3): 153-192. 25 May 1978. Price $2.95 a copy. WR 170
[Cent. Field Biol. & Conserv., New York Zool. Soc., Bronx, N.Y.]
/Alligator mississippiensis/.

78-005495 Gasc, J. P. LISTE COMMENTEE DE LEZARDS CAPTURES EN AMAZONIE COLOMBIENNE. [LIST WITH COMMENTS ON A COLLECTION OF LIZARDS FROM COLUMBIAN AMAZONA.] Bull. Soc. Zool. Fr. 102 (3): 267-276. 1977. In French with English summ. WR 170
[Mus. Natl. Hist. Nat., 55 rue Buffon, 75005 Paris, France]
Annotated list of 18 spp.

78-005496 Glassman, Armand B.; Holbrook, Thomas W.; Bennett, Carol E. EOSINOPHILIA ASSOCIATED WITH LEECH (/PLACOBDELLA MULTILINEATA/) INFESTATION OF /ALLIGATOR MISSISSIPPIENSIS/. Bull. S.C. Acad. Sci. 40: 59. 1978. Abstract only. WR 170

78-005497 Glassman, Armand B.; Bennett, Carol E.; Hazen, Terry C.; Gorden, Robert W.; Fliermans, Carl B. RESPONSE TO BACTERIAL, PARASITIC INFECTIONS AND THERMAL STRESS IN /ALLIGATOR MISSISSIPPIENSIS/. Ga. J. Sci. 36 (2): 61. Apr. 1978. Abstract only. WR 170

78-005498 Goodwin, Thomas M.; Marion, Wayne R. ASPECTS OF THE NESTING ECOLOGY OF AMERICAN ALLIGATORS (/ALLIGATOR MISSISSIPPIENSIS/) IN NORTH-CENTRAL FLORIDA. Herpetologica 34 (1): 43-47. Mar. 1978. WR 170
[School Resour. & Conserv., Univ. Fla., Gainesville 32611]

78-005499 Gorman, George C.; Kim, Y. J. THE GENETICS OF COLONIZATION: LOSS OF VARIABILITY AMONG INTRODUCED POPULATIONS OF /ANOLIS/ LIZARDS (REPTILIA, LACERTILIA, IGUANIDAE). J. Herpetol. 12 (1): 47-51. 27 Feb. 1978. WR 170
[Biol. Dep., Univ. Calif., Los Angeles 90024]

78-005500 Gorzula, S.; Salazar, C.; Rendon, D. ASPECTS OF THE ECOLOGY OF /AMPHISBAENA ALBA/ LINNAEUS IN THE VENEZUELAN GUAYANA. Br. J. Herpetol. 5 (8): 623-626. June 1977. WR 170
[Dep. Med. Exp. Fisiopatol., Inst. Venezolano Investigaciones Cientificas, Caracas, Venezuela]

78-005501 Gorzula, S.; Arocha-Pinango, C. L. A COAGULATION STUDY OF /AMPHISBAENA ALBA/ LINNAEUS. Br. J. Herpetol. 5 (8): 629-633. June 1977. WR 170
[Inst. Venezolano Investigaciones Cientificas, Caracas, Venezuela]

78-005502 Graham, Terry E.; Hutchison, Victor H. LOCOMOTOR ACTIVITY IN /CHRYSEMYS PICTA/: RESPONSE TO ASYNCHRONOUS CYCLES OF TEMPERATURE AND PHOTOPERIOD. Copeia 1978 (2): 364-367. 5 May 1978. WR 170
[Dep. Biol., Worcester State Coll., Worcester, Mass. 01602]

78-005503 Greene, Harry W.; Burghardt, Gordon M. BEHAVIOR AND PHYLOGENY: CONSTRICTION IN ANCIENT AND MODERN SNAKES. Science 200 (4337): 74-77. 7 Apr. 1978. WR 170
[School Veterinary Med., Univ. Pa., Philadelphia 19104]

78-005504 Greene, Harry Walter PHYLOGENY, CONVERGENCE, AND SNAKE BEHAVIOR. Ph.D. dissertation, Univ. Tenn. 125p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(9):4107. Mar. 1978. WR 170

78-005505 Greenwald, O. E. KINEMATICS AND TIME RELATIONS OF PREY CAPTURE BY GOPHER SNAKES. Copeia 1978 (2): 263-268. 5 May 1978. WR 170
[Dep. Zool., Ohio State Univ., Columbus 43210] /Pituophis melanoleucus affinis/.

78-005506 Grenot, Claude J.; Price, Andrew H. A NEW RECORD OF /XANTUSIA VIGILIS EXTORRIS/ FROM DURANGO, MEXICO. Bull. Md. Herpetol. Soc. 14 (1): 39-43. Mar. 1978. WR 170
[Lab. Zool., 46 rue d'Ulm, 75230 Paris Cedex 05, France]

78-005507 Grobman, Arnold B. AN ALTERNATIVE SOLUTION TO THE CORAL SNAKE MIMIC PROBLEM (REPTILIA, SERPENTES, ELAPIDAE). J. Herpetol. 12 (1): 1-11. 27 Feb. 1978. WR 170
[Dep. Biol., Univ. Mo., St. Louis 63121]

78-005508 Groves, Frank A CASE OF TWINNING IN THE RINGNECK SNAKE, /DIADOPHIS PUNCTATUS EDWARDSI/. Bull. Md. Herpetol. Soc. 14 (1): 48-49. Mar. 1978. WR 170
[Baltimore Zoo, Druid Hill Park, Baltimore, Md. 21217]

78-005509 Halfpenny, G.; Bellairs, A. d'A. A BLACK GRASS SNAKE. Br. J. Herpetol. 5 (6): 541-542. June 1976. WR 170
[City Mus. & Art Gallery, Broad St., Hanley, Stoke-on-Trent, England] /Natrix natrix helvetica/ in England.

78-005510 Hardy, Graham S. THE NEW ZEALAND SCINCIDAE (REPTILIA: LACERTILIA); A TAXONOMIC AND ZOOGEOGRAPHIC STUDY. N.Z. J. Zool. 4 (3): 221-325. Aug. 1977. WR 170
[Flemington Rd., Aramoho, Wanganui, New Zealand] Annotated list of 22 spp.

78-005511 Harestad, Alton RANGE EXTENSION OF THE NORTHERN ALLIGATOR LIZARD, /GERRHONOTUS COERULEUS PRINCEPS/ (BAIRD AND GIRARD), ON VANCOUVER ISLAND. Syesis 10: 171. 1977. WR 170
[Faculty Forestry, Univ. British Columbia, Vancouver, British Columbia, Canada V6T 1W5]

78-005512 Hartline, Peter H.; Kass, Leonard; Loop, Michael S. MERGING OF MODALITIES IN THE OPTIC TECTUM: INFRARED AND VISUAL INTEGRATION IN RATTLESNAKES. Science 199 (4334): 1225-1229. 17 Mar. 1978. WR 170
[Eye Res. Inst. Retina Foundation, 20 Staniford St., Boston, Mass. 02114] Crotalinae.

78-005513 Harvey, A. L.; Rodger, I. W. REVERSIBILITY OF NEUROMUSCULAR BLOCKADE PRODUCED BY TOXINS ISOLATED FROM THE VENOM OF THE SEASNAKE /LATICAUDA SEMIFASCIATA/. Toxicon 16 (3): 219-225. 1978. WR 170
[Dep. Physiol. & Pharmacol., Univ. Strathclyde, Glasgow G1 1XW, Scotland]

78-005514 Henderson, R. W.; Nickerson, M. A. OBSERVATIONS ON THE FEEDING BEHAVIOUR AND MOVEMENTS OF SNAKES /OXYBELIS AENEUS/ AND /O. FULGIDUS/. Br. J. Herpetol. 5 (9): 663-667. Dec. 1977. WR 170
[Vertebr. Div., Milwaukee Public Mus., Milwaukee, Wis. 53237]

78-005515 Henke, Jurgen; Kellner, Siegfried ISOENZYME AND PLASMAPROTEIN PATTERNS IN THE LIZARD /LACERTA VIRIDIS/ (REPTILIA: LACERTILIA; LACERTIDAE). Zool. Anz. 200 (1/2): 92-94. 1978. WR 170
[Univ. Dusseldorf, Moorenstrasse 5, D-4000 Dusseldorf, West Germany]

78-005516 Hennig, Charles W.; Dunlap, William P. TONIC IMMOBILITY IN /ANOLIS CAROLINENSIS/: EFFECTS OF TIME AND CONDITIONS OF CAPTIVITY. Behav. Biol. 23 (1): 75-86. May 1978. WR 170
[Dep. Psychol., Tulane Univ., New Orleans, La. 70118]

78-005517 Higareda, Gonzalo Perez NEW LOCALITIES AND A STATE RECORD FOR /CHELYDRA S. ROSSIGNONI/ (TESTUDINEA-CHELYDRIDAE) IN MEXICO. Bull. Md. Herpetol. Soc. 14 (1): 47. Mar. 1978. WR 170
[Estacion Biol. Tropical "Los Tuxtlas", San Andres Tuxtala, Ver. Mexico]

78-005518 Higgins, Paul J. IMMUNOCHEMICAL IDENTITY OF THE HIGH AND LOW MOLECULAR WEIGHT FORMS OF GALAPAGOS MARINE IGUANA HEMOGLOBIN. Comp. Biochem. Physiol. B Comp. Biochem. 59 (2): 129-132. 1978. WR 170
[Sloan-Kettering Inst., 425 East 68th St., New York, N.Y. 10021] /Amblyrhynchus cristatus/.

78-005519 Iverson, John B. FURTHER NOTES ON NEBRASKA REPTILES. Trans. Kans. Acad. Sci. 80 (1&2): 55-59. 1977. WR 170
[Fla. State Mus., Univ. Fla., Gainesville 32611]

78-005520 Iverson, John B. NOTES ON NEBRASKA REPTILES. Trans. Kans. Acad. Sci. 78 (1&2): 51-62. 1975. WR 170
[Fla. State Mus., Univ. Fla., Gainesville 32601] Annotated list.

78-005521 Iverson, John B. REPRODUCTIVE CYCLE OF FEMALE LOGGERHEAD MUSK TURTLES (/STERNOTHERUS MINOR MINOR/) IN FLORIDA. Herpetologica 34 (1): 33-39. Mar. 1978. WR 170
[Fla. State Mus., Gainesville 32611]

78-005522 Iverson, John Burton III BEHAVIOR AND ECOLOGY OF THE ROCK IGUANA /CYCLURA CARINATA/. Ph.D. dissertation, Univ. Fla. 390p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(7):3082. Jan. 1978. WR 170

78-005523 Jackson, Helen C. LOW MAY SUNSHINE AS A POSSIBLE FACTOR IN THE DECLINE OF THE SAND LIZARD (/LACERTA AGILIS/ L.) IN NORTH-WEST ENGLAND. Biol. Conserv. 13 (1): 1-12. Jan. 1978. WR 170
[Dep. Zool., Univ. Manchester, Manchester M13 9PL, England]

78-005524 Johnson, Clifford Ray; Voigt, William G.; Smith, E. Norbert THERMOREGULATION IN CROCODILIANS--III. THERMAL PREFERENDA, VOLUNTARY MAXIMA, AND HEATING AND COOLING RATES IN THE AMERICAN ALLIGATOR, /ALLIGATOR MISSISSIPIENSIS/. Zool. J. Linn. Soc. 62 (2): 179-188. Feb. 1978. WR 170
[Div. Biol. Control, Univ. Calif., Berkeley 94706]

78-005525 Johnson, Richard M.; Liner, Ernest A. /CONOPSIS NASUS NASUS/ (REPTILIA, SERPENTES, COLUBRIDAE) IN CHIHUAHUA, MEXICO. J. Herpetol. 12 (1): 108-109. 27 Feb. 1978. WR 170
[4170 Lantern Lane, Mobile, Ala. 36609]

78-005526 Jones, Richard E.; Fitzgerald, Kevin T.; Duvall, David QUANTITATIVE ANALYSIS OF THE OVARIAN CYCLE OF THE LIZARD /LEPIDODACTYLUS LUGUBRIS/. Gen. Comp. Endocrinol. 35 (1): 70-76. May 1978. WR 170
[Dep. Environ. Population & Organismic Biol., Univ. Colo., Boulder 80309]

78-005527 Kagei, Noboru; Kifune, Teiji HELMINTH FAUNA OF REPTILES IN JAPAN, IV. Snake 9 (2): 87-90. Jan. 1978. In English with Japanese summ. WR 170
[Dep. Parasitol., Inst. Public Health, Minatoku, Shiroganedai, Tokyo 108, Japan]

78-005528 Kennedy, Joseph L. FIELD OBSERVATIONS ON COURTSHIP AND COPULATION IN THE EASTERN KING SNAKE AND THE FOUR-LINED RAT SNAKE. Herpetologica 34 (1): 51-52 Mar. 1978. WR 170
[W. F. Sigler & Associates, Inc., 1005 Terminal Way, Suite 155, Reno, Nev. 89502] /Elaphe obsoleta quadrivittata/ and /Lampropeltis getulus getulus/.

78-005529 Klicka, John; Mahmoud, I. Y. EFFECT OF MAMMALIAN LH ON ASCORBIC ACID DEPLETION IN TURTLE CORPUS LUTEUM (REPTILIA, TESTUDINES, TESTUDINIDAE). J. Herpetol. 12 (1): 43-45. 27 Feb. 1978. WR 170
[Dep. Biol., Univ. Wis., Oshkosh 54901] /Chrysemys picta bellii/.

78-005530 Kowarsky, John OBSERVATIONS ON GREEN TURTLES (/CHELONIA MYDAS/) IN NORTH-EASTERN AUSTRALIA DURING THE 1975/76 NESTING SEASON. Biol. Conserv. 13 (1): 51-62. Jan. 1978. WR 170
[Dep. Biol., Capricornia Inst. Advanced Education, MS 76, Rockhampton, Queensland, Australia 4700]

78-005531 Kramer, Eugen DIE KOPF- UND RUMPFMUSKULATUR VON /VIPERA ASPIS/ (LINNAEUS, 1758). [THE HEAD- AND TRUNK-MUSCLES OF /VIPERA ASPIS/ (LINNE, 1758).] Rev. Suisse Zool. 84 (4): 767-790. Dec. 1977. In German with English summ. WR 170
[Rehhagstrasse 1, 4410 Liestal, Switzerland]

78-005532 Krishnamurthy, V. S.; Bhaskaran, R. GROWTH STUDIES ON TWO SPECIES OF CROCODILES IN CAPTIVITY. J. Bombay Nat. Hist. Soc. 73 (3) : 532-533. Dec. 1976. WR 170
[Central Leather Res. Inst., Adyar, Madras 600 020, India] /Crocodylus palustris/ and /C. porosus/.

78-005533 Lambiris, A. J. L. NOTES ON NECROTIC STOMATITIS IN SNAKES. Br. J. Herpetol. 5 (6): 526-528. June 1976. WR 170
[1 Carolina Court, Oxford Road, Avondale, Salisbury, Rhodesia]

78-005534 Leibovitz, Louis; Rebell, Gerbert; Boucher, G. Christopher /CARYOSPORA CHELONIAE/ SP.N.: A COCCIDIAL PATHOGEN OF MARICULTURE-REARED GREEN SEA TURTLES (/CHELONIA MYDAS MYDAS/). J. Wildl. Dis. 14 (2): 269-275. Apr. 1978. WR 170
[N.Y. State Coll. Veterinary Med., Cornell Univ., Ithaca 14853]

78-005535 Liner, Ernest A. LETISIMULATION IN /STORERIA DEKAYI LIMNETES/ ANDERSON. Trans. Kans. Acad. Sci. 80 (162): 81-82. 1977. WR 170
[310 Malibou Blvd., Houma, La. 70360]

78-005536 Mao, Shou-Hsian; Dessauer, Herbert C.; Chen, Been-Yuan FINGERPRINT CORRESPONDENCE OF HEMOGLOBINS AND THE RELATIONSHIPS OF SEA SNAKES. Comp. Biochem. Physiol. B Comp. Biochem. 59 (4): 353-361. 1978. WR 170
[Dep. Biomorphics, Natl. Defense Cent., Taipei 107, Taiwan] Peptide fingerprints of tryptic digests of the globins of sea snake species of /Hydrophis/, /Pelamis/, /Aipysurus/, /Laticauda/ and the terrestrial Elapid /Naja/ were compared.--From abstr.

78-005537 Marchi, F.; Haddad, A.; De Lucca, F. I. RADIOAUTOGRAPHIC AND BIOCHEMICAL STUDIES OF SECRETION OF VENOM PROTEIN IN THE SOUTH AMERICAN RATTLESNAKE /CROTALUS DURISSUS TERRIFICUS/. J. Exp. Zool. 203 (3): 429-442. Mar. 1978. WR 170
[Dep. Morfol., Univ. Sao Paulo, Sao Paulo, Brazil]

78-005538 Melkumyan, L. S. DYNAMICS OF RELATIVE SIZES OF KIDNEYS AND GONADS IN DESERT LIZARDS. Sov. J. Ecol. (Engl. Transl. Ekologiya) 8 (3): 281-283. May-June 1977. Translated from Ekologiya no. 3: 103-106. May-June 1977. WR 170
/Phrynocephalus helioscopus/, /Eremias strauchii/, /E. pleskei/ and /Ophisops elegans/.

78-005539 Miller, Robert; Grall, George REPRODUCTIVE DATA ON /LAMPROPELTIS TRIANGULUM TEMPORALIS/ FROM MARYLAND. Bull. Md. Herpetol. Soc. 14 (1): 36-38. Mar. 1978. WR 170
[Nat. Hist. Soc. Md., 2643 North Charles St., Baltimore 21218]

78-005540 Minton, Sherman A.; Dunson, William A. OBSERVATIONS ON THE PALAWAN MANGROVE SNAKE, /BOIGA DENDROPHILA MULTICINCTA/ (REPTILIA, SERPENTES, COLUBRIDAE). J. Herpetol. 12 (1): 107-108. 27 Feb. 1978. WR 170
[Ind. Univ. School Med., Indianapolis 46202]

78-005541 Mittermeier, Russell A.; Rhodin, Anders G. J.; Medem, Federico; Soini, Pekka; Hoogmoed, Marinus S.; Carrillo de Espinoza, Nelly DISTRIBUTION OF THE SOUTH AMERICAN CHELID TURTLE /PHRYNOPS GIBBUS/, WITH OBSERVATIONS ON HABITAT AND REPRODUCTION. Herpetologica 34 (1): 94-100. Mar. 1978. WR 170
[Mus. Comp. Zool., Harvard Univ., Cambridge, Mass. 02138]

78-005542 Mittleman, M. B.; Goris, R. C. DEATH CAUSED BY THE BITE OF THE JAPANESE COLUBRID SNAKE /RHABDOPHIS TIGRINUS/ (BOIE) (REPTILIA, SERPENTES, COLUBRIDAE). J. Herpetol. 12 (1): 109-111. 27 Feb. 1978. WR 170
[527 Madison Ave., New York, N.Y. 10022]

78-005543 Mohamed, A. H.; Saleh, A. M.; Ahmed, S.; Beshir, S. R. HISTOPATHOLOGICAL EFFECTS OF /NAJA HAJE/ SNAKE VENOM AND A VENOM GLAND EXTRACT OF THE SCORPION /BUTHUS QUINQUESTRIATUS/ ON THE LIVER, SUPRARENAL GLAND AND PANCREAS OF MICE. Toxicon 16 (3): 253-261. 1978. WR 170
[Venom Res. Cent., Ain-Shams Univ., Cairo, Egypt]

78-005544 Montanucci, Richard R. DORSAL PATTERN POLYMORPHISM AND ADAPTATION IN /GAMBELIA WISLIZENII/ (REPTILIA, LACERTILIA, IGUANIDAE). J. Herpetol. 12 (1): 73-81. 27 Feb. 1978. WR 170
[Dep. Zool., Clemson Univ., Clemson, S.C. 29631]

78-005545 Murphy, James B.; Carpenter, Charles C.; Gillingham, James C. CAUDAL LURING IN THE GREEN TREE PYTHON, /CHONDROPYTHON VIRIDIS/ (REPTILIA, SERPENTES, BOIDAE). J. Herpetol. 12 (1): 117-119. 27 Feb. 1978. WR 170
[Dep. Herpetol., Dallas Zoo, 621 E. Clarendon Dr., Dallas, Tex. 75203]

78-005546 Murphy, James B.; Tryon, Bern W.; Brecke, Bruce J. AN INVENTORY OF REPRODUCTION AND SOCIAL BEHAVIOR IN CAPTIVE GRAY-BANDED KINGSNAKES, /LAMPROPELTIS MEXICANA ALTERNA/ (BROWN). Herpetologica 34 (1): 84-93. Mar. 1978. WR 170
[Dallas Zoo, 621 E. Clarendon Dr., Dallas, Tex. 75203]

78-005547 Murthy, T. S. N.; Sharma, B. D. THE DISTRIBUTION OF CANTOR'S POLYODONT SNAKE, /SIBYNOPHIS SAGITTARIUS/ (SERPENTES: COLUBRIDAE). J. Bombay Nat. Hist. Soc. 74 (2): 358. Aug. 1977. WR 170
[Southern Regional Stn., Zool. Surv. India, Madras, India]

78-005548 Okonogi, Takashi; Hattori, Zenpachiro DETOXIFYING EFFECT OF PERSIMMON-TANNIN AGAINST SNAKE VENOMS. Snake 9 (2): 91-96. Jan. 1978. In Japanese with English summ. WR 170
[Sankyo Cent. Res. Lab., Hiromachi, Shinagawaku, Tokyo 140, Japan] /Trimeresurus flavoviridis/ and /Enhydrina schistosa/.

78-005549 Orderka, D. K.; Zwart, P. GRANULOSA CELL TUMOR IN A GARTER SNAKE (/THAMNOPHIS SIRTALIS/). J. Wildl. Dis. 14 (2): 218-221. Apr. 1978. WR 170
[Dep. Pathol., Ontario Veterinary Coll., Univ. Guelph, Guelph, Ontario N1G 2W1, Canada]

78-005550 Oron, Uri; Bdolah, Avner CHRONIC CANNULATION OF LEFT SYSTEMIC ARCH OF THE SNAKE. Lab. Anim. Sci. 28 (2): 219-220. Apr. 1978. WR 170
[Dep. Zool., Tel-Aviv Univ., Tel-Aviv, Israel] /Vipera palaestinae/.

78-005551 Peaker, M. EXCRETION OF POTASSIUM FROM THE ORBITAL REGION IN /TESTUDO CARBONARIA/: A SALT GLAND IN TERRESTRIAL TORTOISES? J. Zool. (Lond.) 184 (3): 421-422. Mar. 1978. WR 170
[Agric. Res. Council Inst. Animal Physiol., Babraham, Cambridge, England]

78-005552 Peek, William D. AN UNUSUAL INTRAMEMBRANOUS STRUCTURE IN THE RENAL TUBULE OF A SNAKE. Can. J. Zool. 56 (3): 516-518. Mar. 1978. In English with French summ. WR 170
[Div. Life Sci., Scarborough Coll., Univ. Toronto, West Hill, Ontario, Canada M1C 1A4] /Thamnophis sirtalis/.

78-005553 Perez, John C.; Haws, Willis C.; Hatch, Curtis H. RESISTANCE OF WOODRATS (/NEOTOMA MICROPUS/) TO /CROTALUS ATROX/ VENOM. Toxicon 16 (2): 198-200. 1978. WR 170
[Dep. Biol., Tex. A&I Univ., Kingsville]

78-005554 Phillips, P. J. RAISING HATCHLINGS OF THE LEATHERBACK TURTLE, /DERMOCHELYS CORIACEA/. Br. J. Herpetol. 5 (9): 677-678. Dec. 1977. WR 170
[71 Jefferson St., Westfield, Mass.]

78-005555 Phleger, Charles F.; Smith, David G.; Macintyre, Douglas H.; Saunders, Brian ALVEOLAR AND SACCULAR LUNG PHOSPHOLIPIDS OF THE ANACONDA, /EUNECTES MURINUS/. Can. J. Zool. 56 (4, part 2): 1009-1013. Apr. 1978. In English with French summ. WR 170
[Dep. Nat. Sci., San Diego State Univ., San Diego, Calif. 92182]

78-005556 Pieau, Claude EFFETS DE TEMPERATURES D'INCUBATION BASSES ET ELEVEES, SUR LA DIFFERENCIATION SEXUELLE CHEZ DES EMBRYONS D'/EMYS ORBICULARIS/ L. (CHELONIEN). [EFFECT OF LOW AND HIGH INCUBATION TEMPERATURES ON SEXUAL DIFFERENTIATION IN EMBRYOS OF /EMYS ORBICULARIS/ L. (CHELONIAN).] C. R. Hebd. Seances Acad. Sci. Ser. D Sci. Nat. 286 (1): 121-124. 9 Jan. 1978. In French with English summ. WR 170
[Lab. Biochim. Developpement I.R.B.M., Univ. Paris VII, 2 place Jussieu, 75221 Paris Cedex 05, France]

78-005557 Presch, William DESCRIPTIONS OF THE HEMIPENIAL MORPHOLOGY IN EIGHT SPECIES OF MICROTEIID LIZARDS (FAMILY TEIIDAE, SUBFAMILY GYMNOPHTHALMINAE). Herpetologica 34 (1): 108-112. Mar. 1978. WR 170
[Dep. Biol., Calif. State Univ., Fullerton 92634]

78-005558 Ramirez, P. J.; Arocha-Pinango, C. L.; Gorzula, S.; Salazar, C. HAEMATOLOGY OF /AMPHISBAENA ALBA/ LINNAEUS. Br. J. Herpetol. 5 (8): 627-628. June 1977. WR 170
[Inst. Venezolano Investigaciones Cientificas, Caracas, Venezuela]

78-005559 Ratanabanangkoon, K.; Buranawuti, T.; Cherdchu, C. COMPARATIVE CARDIOVASCULAR AND RESPIRATORY EFFECTS OF /BUNGARUS FASCIATUS/ AND /NAJA NAJA SIAMENSIS/ VENOMS IN DOG. Comp. Biochem. Physiol. C Comp. Pharmacol. 60 (1): 61-63. 1978. WR 170
[Dep. Pharmacol., Pra Mongkutklao, Coll. Med., 315 Rajavithi Rd., Bangkok 4, Thailand]

78-005560 Rauch, Josefine C. INTEGUMENTARY BLOODVASCULAR SYSTEM IN GARTER SNAKES (/THAMNOPHIS SIRTALIS PARIETALIS/ AND /THAMNOPHIS RADIX/). Can. J. Zool. 56 (3): 469-476. Mar. 1978. In English with French summ. WR 170
[Dep. Zool., Univ. Manitoba, Winnipeg, Manitoba, Canada R3T 2N2]

78-005561 Rodriguez, E. M.; Larsson, L.; Meurling, P. CONTROL OF THE PARS INTERMEDIA OF THE LIZARD, /ANOLIS CAROLINENSIS/. I. ULTRASTRUCTURE OF THE INTACT NEURAL LOBE. Cell Tissue Res. 186 (2): 241-258. 17 Jan. 1978. WR 170
[Larsson: Dep. Zool., Helgonav 3, S-223 62 Lund, Sweden]

78-005562 Rosenberg, M. E. THERMAL RELATIONS OF NERVOUS CONDUCTION IN THE TORTOISE. Comp. Biochem. Physiol. A Comp. Physiol. 60 (1): 57-63. 1978. WR 170
[Dep. Physiol., St. Bartholomew's Hospital Med. Coll., London EC1M 6BQ, England] /Testudo graeca/.

78-005563 Russell, Anthony P. THE GENERA /RHOPTROPUS/ AND /PHELSUMA/ (REPTILIA: GEKKONIDAE) IN SOUTHERN AFRICA: A CASE OF CONVERGENCE AND A RECONSIDERATION OF THE BIOGEOGRAPHY OF /PHELSUMA/. Zool. Afr. 12 (2): 393-408. 1977. WR 170
[Dep. Biol., Univ. Calgary, Calgary, Alberta, Canada T2N 1N4]

78-005564 Ruth, Stephen Bennett A COMPARISON OF THE DEMOGRAPHY AND FEMALE REPRODUCTION IN SYMPATRIC WESTERN FENCE LIZARDS (/SCELOPORUS OCCIDENTALIS/) AND SAGEBRUSH LIZARDS (/SCELOPORUS GRACIOSUS/) ON MOUNT DIABLO, CALIFORNIA. Ph.D. dissertation, Univ. Calif. (Berkeley) 195p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(8):3589. Feb. 1978. WR 170

78-005565 Sadahiro, Seiji; Kondo, Satoru; Kondo, Hisashi; Ohsaka, Akira; Fukushima, Hideo; Murata, Ryosuke STANDARDIZATION OF HABU (/TRIMERESURUS FLAVOVIRIDIS/) SNAKE-VENOM TOXCID. Toxicon 16 (3): 275-282. 1978. WR 170
[Natl. Inst. of Health, Shinagawa-ku, Tokyo 141, Japan]

78-005566 Sawai, Y.; Kawamura, Y.; Okonogi, T.; Hattori, Z.; Kato, I.; Saito, M.; Muto, S. STUDY ON THE PRODUCTION OF POLYVALENT ANTIVENIN AGAINST SEASNAKE VENOMS. Snake 9 (2): 63-66. Jan. 1978. In English with Japanese summ. WR 170
[Japan Snake Inst., Yabuzuka-honmachi, Nittagun, Gunma Prefecture 379-23, Japan] /Enhydrina schistosa/ and /Laticauda hardwickei/.

78-005567 Sawai, Yoshio; Lah, Kyu-Youn SNAKEBITES IN THE SOUTH KOREA. Snake 9 (2): 39-47. Jan. 1978. In English with Japanese summ. WR 170
[Japan Snake Inst., Yabuzuka-honmachi, Nittagun, Gunma Prefecture 379-23, Japan]

78-005568 Schilb, Theodore P. BICARBONATE ION TRANSPORT: A MECHANISM FOR THE ACIDIFICATION OF URINE IN THE TURTLE. Science 200 (4338): 208-209. 14 Apr. 1978. WR 170
[Dep. Physiol., La. State Univ. Med. Cent., New Orleans 70119] /Pseudemys scripta/.

78-005569 Sever, David M.; Dineen, Clarence F. PRELIMINARY OBSERVATIONS ON REPRODUCTIVE ECOLOGY OF /AMBYSTOMA TIGRINUM/ (AMPHIBIA: URODELA) IN NORTHERN INDIANA. Proc. Indiana Acad. Sci. 86: 172-173. 1977. Abstract only. WR 170
[Dep. Biol., Saint Mary's Coll., Notre Dame, Ind. 46556]

78-005570 Sharma, B. D.; Sharma, T. SOME ECOLOGICAL NOTES ON /XENOCHROPHIS PISCATOR/ (SERPENTES: COLUBRIDAE) IN THE POONCH VALLEY, JAMMU AND KASHMIR, INDIA. Br. J. Herpetol. 5 (7): 560-561. Dec. 1976. WR 170
[Dep. Zool., G.G.M. Science Coll., Jammu, J & K State, India]

78-005571 Shine, R. CLIMATIC CORRELATES OF LIVE-BEARING IN SQUAMATE REPTILES. Oecologia (Berl.) 33 (3): 261-268. 6 Apr. 1978. WR 170
[Biol. Dep., Univ. Utah, Salt Lake City 84112]

78-005572 Shine, Richard GROWTH RATES AND SEXUAL MATURATION IN SIX SPECIES OF AUSTRALIAN ELAPID SNAKES. Herpetologica 34 (1): 73-79. Mar. 1978. WR 170
[Dep. Biol., Univ. Utah, Salt Lake City, 84112] /Austrelaps superbus/, /Hemiaspis daemelii/, /H. signata/, /Notechis scutatus/, /Pseudechis porphyriacus/ and /Unechis gouldii/.

78-005573 Shine, Richard SEXUAL SIZE DIMORPHISM AND MALE COMBAT IN SNAKES. Oecologia (Berl.) 33 (3): 269-277. 6 Apr. 1978. WR 170
[Biol. Dep., Univ. Utah, Salt Lake City 84112]

78-005574 Simms, C. THE SAND LIZARD IN NORTH-EAST ENGLAND. Br. J. Herpetol. 5 (6): 522-525. June 1976. WR 170
[Yorkshire Mus., York, England] /Lacerta agilis/.

78-005575 Singh, L. A. K.; Bustard, H. R. LOCOMOTORY BEHAVIOUR DURING BASKING AND SPOOR FORMATION IN THE GHARIAL (/GAVIALIS GANGETICUS/). Br. J. Herpetol. 5 (9): 673-676. Dec. 1977. WR 170
[Gharial Res. & Conserv. Unit, Tikerpada 759122, Orissa, India]

78-005576 Singh, L. A. K.; Bustard, H. R. A METHOD TO IDENTIFY INDIVIDUAL YOUNG GHARIAL (/GAVIALIS GANGETICUS/). Br. J. Herpetol. 5 (9): 669-671. Dec. 1977. WR 170
[Gharial Res. & Conserv. Unit, Tikerpada 759122, Orissa, India]

78-005577 Singh, Lala A. K. THE FUTURE OF THE INDIAN GHARIAL, /GAVIALIS GANGETICUS/ (GMELIN) (REPTILIA, CROCODILIA). Br. J. Herpetol. 9 (7): 590. Dec 1976. WR 170
[Gharial Res. & Conservation Unit, Tikerpada, Via-Angul 759122, Orissa, India]

78-005578 Smith, David Conwell INTERSPECIFIC COMPETITION AND THE DEMOGRAPHY OF TWO LIZARDS. Ph.D. dissertation, Univ. Mich. 256p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(11):5235. May 1978. WR 170
/Sceloporus virgatus/ and /Urosaurus ornatus/ in Arizona.

78-005579 Staton, Mark A. "DISTRESS CALLS" OF CROCODILIANS--WHOM DO THEY BENEFIT? Am. Nat. 112 (984): 327-332. Mar.-Apr. 1978. WR 170
[P.O. Box 37336, Houston, Tex. 77036] Data for 11 spp.

78-005580 Stein, Paul S. G. SWIMMING MOVEMENTS ELICITED BY ELECTRICAL STIMULATION OF THE TURTLE SPINAL CORD: THE HIGH SPINAL PREPARATION. J. Comp. Physiol. A Sens. Neural Behav. Physiol. 124 (3): 203-210. 1978. WR 170
[Dep. Biol., Wash. Univ., St. Louis, Mo. 63130] /Pseudemys scripta elegans/.

78-005581 Stickel, Lucille F. CHANGES IN A BOX TURTLE POPULATION DURING THREE DECADES. Copeia 1978 (2): 221-225. 5 May 1978. WR 170
[Patuxent Wildl. Res. Cent., Laurel, Md. 20811] /Terrapene carolina/ in Maryland.

78-005582 Street, D. J. BRIEF REPORT ON SOME REPTILES FOUND IN THE SAVA VALLEY (JUGOSLAVIA). Br. J. Herpetol. 5 (7): 558-559. Dec. 1976. WR 170
[28 Roundhaye Rd., Bear Cross, Bournemouth, Dorset, England]

78-005583 Subba Rao, M. V.; Pajabai, B. S. ASPECTS OF BEHAVIOUR OF THE GROUND DWELLING AGAMID LIZARD, /SITANA PONTICERIANA/. Br. J. Herpetol. 5 (7): 554-557. Dec. 1976. WR 170
[Dep. Zool., Utkal Univ., Bhubaneswar, Orissa, India]

78-005584 Swain, Tom A. THE AUTECOLOGY OF TWO VENEZUELAN LIZARD SPECIES. Ph.D. dissertation, Univ. Colo. 135p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(7):3029. Jan. 1978. WR 170
/Cnemidophorus lemniscatus/ and /Tropidurus torquatus/.

78-005585 Swan, Rodney O.; Johnson, Robert E. HEAT PRODUCTION BY BOX TURTLES. Trans. Mo. Acad. Sci. 10 & 11: 326. 1977. Abstract only. WR 170
[Knox Coll., Galesburg, Ill. 61401] /Terrapene carolina carolina/.

78-005586 Thomas, Kim R.; Thomas, Richard LOCOMOTOR ACTIVITY RESPONSES TO PHOTOPERIOD IN FOUR WEST INDIAN FOSSORIAL SQUAMATES OF THE GENERA /AMPHISBAENA/ AND /TYPHLOPS/ (REPTILIA, LACERTILIA). J. Herpetol. 12 (1): 35-41. 27 Feb. 1978. WR 170
[Dep. Biol., Univ. Puerto Rico, Rio Piedras 00931]

78-005587 Thorpe, R. S.; McCarthy, C. J. A PRELIMINARY STUDY, USING MULTIVARIATE ANALYSIS, OF A SPECIES COMPLEX OF AFRICAN HOUSE SNAKES (/BOAEDON FULIGINOSUS/). J. Zool. (Lond.) 184 (4): 489-506. Apr. 1978. WR 170
[Dep. Zool., Univ. Aberdeen, Aberdeen, Scotland]

78-005588 Tu, Anthony T.; Ganthavorn, Somsri COMPARISON OF SNAKE VENOMS (REPTILIA, SERPENTES) FROM JAVA, INDONESIA AND THAILAND AND ITS SIGNIFICANCE IN EVOLUTION AND ZOOGEOGRAPHY. J. Herpetol. 12 (1): 105-107. 27 Feb. 1978. WR 170
[Dep. Biochem., Colo. State Univ., Fort Collins 80523]

78-005589 Tucker, John K.; Funk, Richard S.; Paukstis, Gary L. THE ADAPTIVE SIGNIFICANCE OF EGG MORPHOLOGY IN TWO TURTLES (/CHRYSEMYS PICTA/ AND /TERRAPENE CAROLINA/). Bull. Md. Herpetol. Soc. 14 (1): 10-22. Mar. 1978. WR 170
[105 E. Fayette, Effingham, Ill. 62401]

78-005590 Tucker, John K.; Funk, Richard S.; Paukstis, Gary L. REPRODUCTIVE POTENTIAL OF THE GULF COAST BOX TURTLE /TERRAPENE CAROLINA MAJOR/. Bull. Md. Herpetol. Soc. 14 (1): 23-28. Mar. 1978. WR 170
[105 E. Fayette, Effingham, Ill. 62401]

78-005591 Vance, Thomas A FIELD KEY TO THE WHIPTAIL LIZARDS (GENUS /CNEMIDOPHORUS/). PART I: THE WHIPTAILS OF THE UNITED STATES. Bull. Md. Herpetol. Soc. 14 (1): 1-9. Mar. 1978. WR 170
[Dep. Biol., Navardo Coll., Corsicana, Tex. 75110]

78-005592 Vance, Thomas THE IDENTITY OF /CNEMIDOPHORUS VITTATUS/ BOULENGER (REPTILIA, LACERTILIA, TEIIDAE) WITH A REDESCRIPTION OF THE HOLOTYPE. J. Herpetol. 12 (1): 100-102. 27 Feb. 1978. WR 170
[108 E. Tyler, Ennis, Tex 75119]

78-005593 Vitt, Laurie J. CALORIC CONTENT OF LIZARD AND SNAKE (REPTILIA) EGGS AND BODIES AND THE CONVERSION OF WEIGHT TO CALORIC DATA. J. Herpetol. 12 (1): 65-72. 27 Feb. 1978. WR 170
[4152 W. 173rd St., Torrance, Calif. 90504]

78-005594 Walls, A. Brad; Fugler, Charles M. THE REPTILES OF THE UPANO VALLEY OF AMAZONIAN ECUADOR. J. Elisha Mitchell Sci. Soc. 93 (2): 101. 1977. Abstract only. WR 170
"Ninety-one species of snakes and 45 species of lizards, referrable to 42 and 29 genera respectively, were recorded from the tropical lowlands of eastern Ecuador."

78-005595 Warner, B. F.; Huggins, S. E. AN ELECTROENCEPHALOGRAPHIC STUDY OF SLEEP IN YOUNG CAIMANS IN A COLONY. Comp. Biochem. Physiol. A Comp. Physiol. 59 (2): 139-144. 1978. WR 170
[Dep. Biol., Univ. Houston, Houston, Tex. 77004] /Caiman sclerops/.

78-005596 Webb, Grahame J. W. OBSERVATIONS ON BASKING IN SOME AUSTRALIAN TURTLES (REPTILIA: TESTUDINES: CHELIDAE). Herpetologica 34 (1): 39-42. Mar. 1978. WR 170
[Australian Mus., 6-8 College St., Sydney, New South Wales 2000, Australia] Abstract: Of 5 species of chelid turtles studies, 3 basked regularly and 2 basked occasionally. This division parallels established taxonomic groupings. The final phases of basking are associated wtih signs of discomfort which appear to be related to the prevention of overheating of the extremities while the body mass continues to warm.

78-005597 Werner, Yehudah L. ECOLOGICAL COMMENTS ON SOME GEKKONID LIZARDS OF THE NAMIB DESERT, SOUTH WEST AFRICA. Madoqua 10 (3): 157-169. 1977. WR 170
[Hebrew Univ., Jerusalem, Israel] /Lygodactylus capensis bradfieldi/, /Pachydactylus laevigatus laevigatus/, /P. punctatus amoenoides/, /Palmatogecko rangei/, /Ptenopus garrulus maculatus/, /Rhoptropus afer/ and /R. bradfieldi/.

78-005598 Whitaker, R. A NOTE ON SEA TURTLES OF MADRAS. Indian For. 103 (11): 735-734. Nov. 1977. WR 170
[Madras Snake Park & Reptile Res. Cent., Madras (Tamil Nadu), India]

78-005599 Whitaker, R. A NOTE ON CROCODILIAN SEX DETERMINATION. J. Bombay Nat. Hist. Soc. 73 (3): 531-532. Dec. 1976. WR 170
[Madras Snake Park Trust, Guindy Deer Park, Madras 600 022, India] /Alligator mississipiensis/ and /Crocodylus palustris/.

78-005600 Whitaker, R.; Whitaker, Z. NOTES ON NATURAL HISTORY OF /CROCODYLUS PALUSTRIS/. J. Bombay Nat. Hist. Soc. 74 (2): 358-360. Aug. 1977. WR 170
[Madras Snake Park Trust, Guindy Deer Park, Guindy, Madras 600 022, India]

78-005601 Williams, Peyton R., Jr.; Brisbin, I. Lehr, Jr. RESPONSES OF CAPTIVE-REARED EASTERN KINGSNAKES (/LAMPROPELTIS GETULUS/) TO SEVERAL PREY ODOR STIMULI. Herpetologica 34 (1): 79-83. Mar. 1978. WR 170
[Savannah River Ecol. Lab., P.O. Drawer E, Aiken, S.C. 29801]

78-005602 Wilson, R. T. NOTES ON THE CROCODILE /CROCODYLUS NILOTICUS/, IN DARFUR, WESTERN SUDAN. East Afr. Wildl. J. 16 (1): 65-67. Mar. 1978. WR 170
[21 Westfield Grove, Wakefield, West Yorkshire, England]

78-005603 Witten, Geoffrey J.; Heatwole, Harold PREFERRED TEMPERATURE OF THE AGAMID LIZARD /AMPHIBOLURUS NOBBI NOBBI/. Copeia 1978 (2): 362-364. 5 May 1978. WR 170
[Dep. Anatomy, Univ. Sydney, Sydney, New South Wales 2006, Australia]

78-005604 Wood, Stephen C.; Lykkeboe, Gunnar; Johansen, Kjell; Weber, Roy E.; Maloiy, G. M. O. TEMPERATURE ACCLIMATION IN THE PANCAKE TORTOISE, /MALACOCHERSUS TORNIERI/: METABOLIC RATE, BLOOD PH, OXYGEN AFFINITY AND RED CELL ORGANIC PHOSPHATES. Comp. Biochem. Physiol. A Comp. Physiol. 59 (2): 155-160. 1978. WR 170
[School Med., Univ. N. Mex., Albuquerque 87131]

78-005605 Yori, Joseph G. ACTIVE ONE-WAY AVOIDANCE TO A HEAT AVERSIVE STIMULUS IN TEGU LIZARDS (/TUPINAMBUS TEGUIXEN/). Behav. Biol. 23 (1): 100-106. May 1978. WR 170
[Dep. Psychol., Wayne State Univ., Detroit, Mich. 48202]

78-005606 Zucker, Albert CUTANEOUS WATER LOSS IN REPTILES. Ph.D. dissertation, City Univ. New York 289p. 1977. From Diss. Abstr. Int. B Sci. Eng. 38(7):3073. Jan. 1978. WR 170

Abbott, Dennis J. III
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